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6289

DIGGS & BEADLES

INCORPORATED

Superior SEEDS

TESTED AND
TRUE

1916

GENERAL STORE AND OFFICE 1428 E. MAIN STREET.
BRANCH STORE AND WAREHOUSE 1711 E. FRANKLIN ST.
BRANCH STORE (UPTOWN) 603 AND 605 E. MARSHALL ST.

RICHMOND, VA.



“As Ye Sow So Shall Ye Reap.”

Read what some of our customers say about us.

It gives us much pleasure to reproduce herewith a few voluntary testimonials received from our customers, but lack of space does not permit us to give more here, although we have many in our files.

Albemarle County, Va., August 12, 1915.

EXHIBITION PRODUCTS, FINE AS EVER GREW.—I have sent to Mr. Koiner, the Virginia State Commission of Agriculture for exhibition in the State Museum a sample of Millet, which is as fine as ever grew. I would like for you to see it, as it was grown from the Seed you sent me this spring.

Yours truly,

V. M. JOHNS.

Darlington County, S. C., April 28, 1915.

FINEST CROPS.—I purchased from you last August 1,500 lbs. of your Sand or Hairy Vetch, and I have a very fine crop, the best in this country.

Yours truly,

F. W. LAW.

Tazewell County, Va., June 10, 1915.

BEST IN THE COUNTY.—You remember I purchased from you last fall 35 bus. of your Leaps Prolific Wheat, and I wish you could see my wheat field. It is a beauty. It is the finest prospect I have ever had at this time of the year, and every one that sees this field of wheat says that it is the best in Tazewell county.

With best wishes, I remain.

T. R. SMOOT.

Culpeper County, Va., July 31, 1915.

GOOD CROPS, CLEAN AND PURE.—The Stoner or Miracle Seed Wheat which I purchased from you last year turned out very well indeed, and I have 700 or 800 bus. of this wheat. It is clean, pure and about the prettiest wheat I have ever seen.

J. G. HIDEN.

Rowan County, N. C., February 22, 1915.

100 PER CENT. GROWTH.—I have always dealt with another house in the Seed Line, but I find that their Seeds do not germinate as well as yours, and will deal with you in the future. I have tested the Peas and Beans recently received from you, and all showed a germination of 100 per cent., which is as good as I wish.

C. H. FRIES.

Fluvanna County, Va., February 23, 1915.

WELL TESTED.—Your Seeds have been well tested and always give me satisfaction.

Yours truly,

MRS. A. H. HOLMAN.

Charlotte County, Va., May 20, 1915.

QUICK SHIPMENTS.—Allow me to thank you for promptly shipping my order handed you on the 17th. the shipment was in my station inside of 24 hours after handing in my order.

Yours truly,

HENRY WHITESIDE.

Gates County, N. C., February 23, 1915.

SMALL ORDERS HANDLED PROMPTLY.—I thank you for filling my order so promptly. I find that you give small orders the same attention as large ones.

Yours truly,

MRS. SILVIA BOONE.

Rowan Co., N. C., March 22, 1915.

LIBERAL PACKAGES.—I saw some of your packages of Seed at my neighbors, and they seem to be so much fuller than what I have bought from three other different seedsmen, that I have decided to give you my order. Please send me the following, and oblige.

Yours truly,

M. V. POWLAS.

Lunenburg County, Va., July 12, 1915.

VERY PARTICULAR AND ACCURATE.—I have been informed that your house is very particular about the quality of your Seeds, and accurate as far as possible as to your statements.

Yours truly,

W. H. EWING.

Lunenburg County, Va., March 1, 1915.

ECONOMY.—The lot of Seed I ordered from you last week were fine, and you saved me nearly half the amount I would have had to pay for the same Seed here.

Yours truly,

F. H. PETZOLD.



To Our Friends and Customers:

With this our Thirteenth annual catalogue, we wish to thank our many customers and friends for their influence and patronage during the past year, a year which we are proud to state brought to us a larger volume of business than many previous years since our business was founded in 1902. This record in view of the general depression due to the European War, is, we feel, just cause for congratulation.

This growth in our business during such a year, we think is a striking proof that the satisfaction and service given our customers, not only counts, but wins.

To those who have never used our Seeds we ask that you send us a trial order. We are sure you will be pleased, and it will certainly be our pleasure to serve you.

With the wish that much happiness and prosperity may be yours through the New Year, we are
Most cordially yours,

DIGGS & BEADLES, Inc.

Richmond, Va., January 1, 1916.

OUR BUSINESS GROWS.

Founded December 1st, 1902

1903

1904 124% Inc.
over 1903.

1905 20% Increase
over 1904.

1906 36% Increase over 1905.

1907 35% Increase over 1906.

1908 28% Increase over 1907.

1909 38% Increase over 1908.

1910 19% Increase over 1909.

1911 13% Increase over 1910.

1912 20% Increase over 1911.

1913 10½% Increase over 1912.

1914 10¾% Increase over 1913.

1915 3½% Increase over 1914.

Moral: Good Seeds and Square Dealing Grow Good Business.

TO OUR CORRESPONDENTS

IMPORTANT NOTES AND SUGGESTIONS

How to Send Money—Remittances should be made either in the form of an Express Money Order, P. O. Money Order, Bank Draft or Registered Letter. 1c and 2c postage stamps will be accepted for small amounts, provided they are carefully wrapped, so as to prevent sticking.

Be Sure to Give Full Name and Address with each order. Every season we get a number of orders without name of sender or Post Office, and the postmark on the envelope is often too obscure to be made out. There is no way of finding out who the senders are; consequently we are blamed, whereas the fault is their own entirely. We therefore beg our correspondents to **write their full name and address on each order.**

We prefer written orders, but when orders are given by telephone, they are accepted as understood, and at the risk of the purchaser, in case of misunderstanding in transmitting telephone orders.

Seeds by Mail—Seeds, Bulbs, and Plants may be sent by Parcels Post at the same rate of postage as other merchandise. For full information and Parcel Post rates, see page 3. **Remember**, however, that we pay the postage on all packets, ounces and one-quarter pounds at the price quoted in this catalogue.

Seeds by Express—Express rates are very moderate, and on the average, are now lower than Parcel Post rates to points beyond the third Zone, and when practical, we would advise customers to order goods shipped by Express, as it is far more satisfactory, quicker and safer. Goods ordered C. O. D. by Express must have 25 per cent. of the amount accompany the order. We do not make shipments by Freight C. O. D. to points where there is no bank.

Orders from Unknown Correspondents—We often receive orders from unknown correspondents saying ship goods and "Check will be mailed." You can readily see that this is impracticable, as we could not afford to establish such a precedent. Please do not ask us to do this unless established credit has been previously arranged with us, as satisfactory business references must always be given by customers wishing to open accounts for credit. You run no risk in sending cash with your order. Our reputation as honest and experienced Seedsmen is well known, while our financial responsibility can be learned from any Bank, Trust Company, or Wholesale Merchants, who are subscribers to either of the Commercial Agencies.

We Make No Charge for Drayage or delivery of goods to any railroad station, steamship line or express office in Richmond. Railroad depots in Richmond close at 4:30 P. M., and on Saturdays at 2 P. M. Cotton sacks are charged for at cost. 2½-bushel cotton sacks are 20 cents each. All grass seed bags, excepting bags for Timothy, Herds Grass, Millets and Clover, are furnished without charge.

Remember—Our packets of seed are large and well filled, and should not be confused with the 2½ cts. and 3 cts. size packets sold by some dealers.

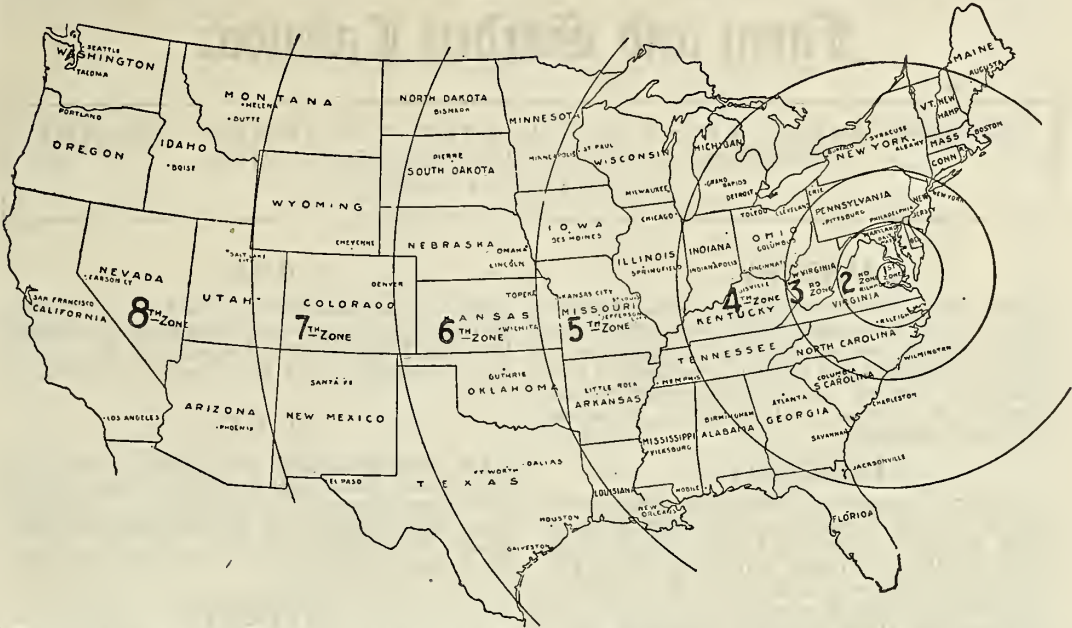
Errors—Our firm with its money invested, its success and reputation at stake, could not permit an error to stand uncorrected. We exercise the greatest care to prevent errors, but human hands and minds must be depended upon which are not infallible, and mails will miscarry, but please remember this, that the complete satisfaction of our customers is our first wish, and if an error is made we are more anxious to correct it than you could be to have us do so, and an opportunity to make restitution is always sincerely appreciated.

It is always very gratifying to us to get a word of praise relative to our Seeds. If you are pleased with them and the handling of your orders, tell us so, if not, tell us anyway, it will be a great help to us.

Prices on Field Seeds, Onion Sets and Potatoes are constantly fluctuating. The prices given in this catalogue are those ruling January 10, 1916. But they are not binding, and may change at any time. We will cheerfully quote prices at any time on request, and we will always fill open orders entrusted to us at the lowest prices possible for our best quality seeds. It frequently occurs that the prices of articles may have changed between the time our catalogue is printed and receipt of orders. When such is the case on paid orders, if the article ordered is cheaper, we will send the value of such articles at the ruling prices. If the articles are higher we will deduct the quantity to meet the amount of remittances. We do this to save the delay of correspondence. **But in case you wish to limit your price, please so state on your order**, otherwise we will fill your order as we think best.

About Warranting Seeds—We exercise the greatest possible care in growing, buying, examining and testing our Seeds, and we try in every department of the business to guard against mistakes and insure reliability. We now have an up-to-date laboratory for accurate and systematic seed-testing, and our customers can rest assured that all Seeds purchased from us have been thoroughly and carefully tested, and under ordinary conditions and with proper cultivation will certainly grow good crops, yet no Seedsmen can, or ever does in good faith, assume any responsibility for crops grown from Seeds supplied by them, there being too many causes known and unknown which prevent good seeds from germinating. Therefore, in common with all responsible seed houses, we sell our goods subject to the following, and all orders sent us will be accepted under these conditions only: Diggs & Beadles, Inc., give no warranty, express or implied, as to growth, description, quality, productiveness or any other matter of any Seeds, Bulbs or Plants they send out, and they will not be responsible for the crop.

Parcel Post Zone Map, With Rates of Postage



Poisons and Liquids Cannot be Sent by Parcel Post.

Seeds, Bulbs and Plants may be sent by Parcel Post at the same rate of postage as other merchandise, with the exception that packages weighing up to 8 ounces are carried at the rate of 1c for each 2 ounces, regardless of distance. **Remember**, however, that prices quoted in this catalogue on packets, ounces and one-quarter pounds are postpaid, but when larger quantities are ordered sent by mail, add the required postage as per rate table to the left. When pounds are ordered, remit postage for 2 pounds; when 2 pounds are ordered, remit postage for 3 pounds; and so on, as the wrapping of the packages will make it run over the actual weight ordered.

When figuring the amount of postage, if in doubt as to the exact amount required, remit even more than you think necessary, and we will return the amount not needed, as we cannot send packages postage collect, nor charge on our books small amounts due for postage stamps. When ordering pints, remit for postage on 1 pound mailing weight, and for quarts remit for 2 pounds mailing weight. On other articles through the catalogue admitted to Parcel Post and not quoted postpaid, the mailing weight is given, so that the correct amount of postage required can be easily ascertained.

The above map will indicate in what Zone you are located, measuring from Richmond, but if you are in doubt as to what Zone you are in from Richmond, ask your postmaster. The weight limit in the first and second Zone is 50 pounds; all other zones, 20 pounds.

Poisons and liquids cannot be sent by Parcel Post; these should be ordered sent by express or freight.

Send in your order early, so as to have your seeds on hand when you are ready to plant.

Pounds	Local	1st and 2d Zone Rate is the same, 1 to 150 miles	3d Zone, 150 to 300 miles	4th Zone, 300 to 600 miles	5th Zone, 600 to 1,000 miles	6th Zone, 1,000 to 1,400 miles	7th Zone, 1,400 to 1,800 miles	8th Zone, all over 1,800 mi.
1	\$.05	\$.05	\$.06	\$.07	\$.08	\$.09	\$.11	\$.12
2	.06	.06	.08	.11	.14	.17	.21	.24
3	.06	.07	.10	.15	.20	.25	.31	.36
4	.07	.08	.12	.19	.26	.33	.41	.48
5	.07	.09	.14	.23	.32	.41	.51	.60
6	.08	.10	.16	.27	.38	.49	.61	.72
7	.08	.11	.18	.31	.44	.57	.71	.84
8	.09	.12	.20	.35	.50	.65	.81	.96
9	.09	.13	.22	.39	.56	.73	.91	1.08
10	.10	.14	.24	.43	.62	.81	1.01	1.20
11	.10	.15	.26	.47	.68	.89	1.11	1.32
12	.11	.16	.28	.51	.74	.97	1.21	1.44
13	.11	.17	.30	.55	.80	1.05	1.31	1.56
14	.12	.18	.32	.59	.86	1.13	1.41	1.68
15	.12	.19	.34	.63	.92	1.21	1.51	1.80
16	.13	.20	.36	.67	.98	1.29	1.61	1.92
17	.13	.21	.38	.71	1.04	1.37	1.71	2.04
18	.14	.22	.40	.75	1.10	1.45	1.81	2.16
19	.14	.23	.42	.79	1.16	1.53	1.91	2.28
20	.15	.24	.44	.83	1.22	1.61	2.01	2.40
21	.15	.25						
22	.16	.26						
23	.16	.27						
24	.17	.28						
25	.17	.29						
26	.18	.30						
27	.18	.31						
28	.19	.32						
29	.19	.33						
30	.20	.34						
31	.20	.35						
32	.21	.36						
33	.21	.37						
34	.22	.38						
35	.22	.39						
36	.23	.40						
37	.23	.41						
38	.24	.42						
39	.24	.43						
40	.25	.44						
41	.25	.45						
42	.26	.46						
43	.26	.47						
44	.27	.48						
45	.27	.49						
46	.28	.50						
47	.28	.51						
48	.29	.52						
49	.29	.53						
50	.30	.54						

Farm and Garden Calendar

MONTHLY OPERATIONS FOR THE FARM AND GARDEN FOR THE
DIFFERENT MONTHS OF THE YEAR.—WHEN
AND WHAT TO SOW.

JANUARY.

Send us your order for Garden Seed. If your hotbeds have not already been prepared, attend to them at once, and sow Cabbage, Lettuce, Beets, Radish, Cauliflower and Onions. Sow hardy Flower Seed in hotbeds for early blooming. Secure manure and cut pea and bean poles. Top-dress grain and grass fields.

FEBRUARY.

Continue top-dressing Grain and Grass fields. Sow in hotbeds or cold frames Cabbage, Lettuce, Beets, Radish, Cauliflower, Onions, Tomato, Egg Plant and Pepper. Latter part of the month sow in open ground Spring Kale, Beets, Spinach, Carrots, Celery, Radish, Parsley, and Early Peas. Put out Asparagus, Horse Radish, and Rhubarb Roots, Onion Sets, hardy Lettuce and Cabbage Plants. Plant Irish Potatoes on high, well-drained soil. Sow Tobacco Seed, Winter Oats, Canada Field Peas, Grass and Clover Seeds.

MARCH.

Sow under glass—Tomato, Pepper, Egg Plant, and Flower Seed. Sow outside—Garden Peas, Cauliflower, Cabbage, Lettuce, Beets, Radish, Parsley, Parsnip, Salsify, Carrots, Celery, Asparagus and Onions. Sow Herb Seed in warm borders. Plant Onion Sets, Irish Potatoes, Asparagus, Rhubarb and Horse Radish Roots, Transplant Early Cabbage, Lettuce and Cauliflower plants. Sow Dwarf Essex Rape, Canada Field Peas, Winter and Spring Oats, Grass and Clover Seed. Plant Artichokes for hogs.

APRIL.

Finish sowing Canada Field Peas, Oats, Grass and Clover Seed, Plant Irish Potatoes and Artichokes. Bed Sweet Potatoes. Set out Asparagus, Rhubarb and Onions. Sow Cabbage, Lettuce and Tomatoes in open ground for succession. Sow Beets, Carrots, Celery, Radish, Salsify, Parsnip, Parsley, Spring Kale, Herbs, Mangel Wurzel. Set out Cabbage, Lettuce, Onions, and Beet Plants. Sow hardy Flower Seed outside. Plant Early Corn, Garden Peas, Snap Beans. Later in the month plant Cucumbers, Melons, Squash and Peanuts, if weather is favorable.

MAY.

Finish planting early vegetables that were omitted last month. Plant all varieties of Dwarf and Pole Beans, Black-Eye Peas, Cantaloupes, and Watermelons, Cucumber, Squash, Okra, Pumpkin and Stock Beets. Sow Tomato and Cabbage Seed for late crop. Set out Tobacco, Cabbage, Lettuce, Cauliflower, Tomato, Egg Plants, Pepper and Sweet Potato Plants. Sow Flower Seed and plant Flowering Bulbs. Plant Sugar and Field Corns, Peanuts and Cotton. Sow Sorghum, Millet, Cow Peas, and all Fodder Plants.

JUNE.

Sow Tomato and Cabbage for late crop. Plant Watermelons, Cantaloupes, Cucumbers, Squash and Pumpkin, Dwarf and Pole Beans, Stock Beets. Sow Millet, Sorghum, Soja Beans and Fodder Plants.

JULY.

For succession, plant Snap Beans, Sugar Corn and Dwarf Lima Beans. Plant Cucumbers for Pickles and Potatoes for late crops. Sow Rutabagas and Turnips. Set out Cabbage and Celery plants. Sow Black-Eye and Cow Peas, Soja Beans, Buckwheat and Millet.

AUGUST.

This is the best month for sowing Turnip, Rutabagas and Winter Radish. Sow Spinach, Kale, Lettuce, Endive and Corn Salad. Sow Snap Beans, and Peas for late crop. Sow Crimson Clover, Vetch, Rape, Winter Oats, Rye and Barley for winter grazing. Set out Celery, Lettuce and Cabbage Plants; also put out Onion Sets.

SEPTEMBER.

Sow Lettuce, Early Cabbage and Cauliflower for transplanting. Transplant Lettuce, Cabbage and Celery. Set out Onions, Sow Turnips, Kale, Spinach, Winter Radish, Corn Salad and Endive. Sow Lawn Grass and all varieties of Grasses and Clovers. Sow Winter Oats, Rye, Barley, Rape and Vetch.

OCTOBER.

Finish sowing Cabbage, Lettuce, Turnips for Salad, Kale and Spinach. Sow Lawn Grass Seed. Plant Hyacinths, Tulips and Flowering Bulbs for spring blooming. Finish sowing all varieties of Grass and Clover Seed. Sow Dwarf Essex Rape, Vetch, Oats, Wheat, Rye and Barley.

NOVEMBER.

Set out Cabbage, Lettuce, Strawberry Plants and Asparagus Roots. Plant all kinds of Flowering Bulbs for spring blooming. This is the best month for setting out Fruit and Shade Trees. Finish sowing all varieties of Grain and Grass as early in the month as possible. Sow Canada Field Peas.

DECEMBER.

Early in the month, plant Irish Potatoes and Canada Field Peas, but plant them deep. Cabbage, Radish, Lettuce and Beets can be sown in hotbeds.

Planting, Maturity and Weight Table

This is for field planting, and where plants and roots are stated, it is necessary to have them ready beforehand. The third column indicates the distance that the plants should stand in the rows, and where seed is sown they should be thinned out to this distance. The fifth column indicates maturity from the time plants are planted in the field, or seeds are sown in the field. Also note that the last column is the approximate weight of seeds and not products. Time of planting and maturity is for latitude of Richmond.

VARIETY.	Time to Sow or Plant.	Distance of Rows Apart.	Distance of Plants in Rows.	Quantity to Sow or Plant Per Acre.	Ready to Use.	No. of lbs. of Seed Per Bu.
Artichokes—Tubers	Mch. and Apr.	3 ft.	18 in.	6 to 8 bus.	Oct.	50 lbs.
Asparagus—Seed	Mch. and Apr.	18 in.	4 in.	8 to 10 lbs.	3 years	60 lbs.
Asparagus—Roots	Feb., Mch. and Nov.	6 to 8 ft.	12 to 15 in.	4,000 to 7,000	2 years	-----
Beans—Dwarf Snap	Apr. to Sept.	2½ to 3 ft.	3 to 6 in.	1 bu.	8 weeks	60 lbs.
Beans—Dwarf Lima	May June and July	3 ft.	18 in. to 2 ft.	¼ to ½ bu.	10 weeks	60 lbs.
Beans—Pole	May and June	4 ft.	3 ft.	1 Peck	10 weeks	60 lbs.
Beans—Navy	June and July	2½ to 3 ft.	12 in.	¼ to ½ bu.	Oct.	60 lbs.
Beans—Soja (In drills)	May and June	3 ft.	6 to 12 in.	½ bu.	Sept.	60 lbs.
Beans—Soja	May and June	Broadcast	Broadcast	1 to 1½ bu.	Sept.	60 lbs.
Barley	Aug. to Nov.	Broadcast	Broadcast	1 to 1½ bus.	June	48 lbs.
Beets—Table	Feb. to Aug.	1½ to 2 ft.	4 in.	6 to 8 lbs.	2 Months	20 lbs.
Beets—Stock	Apr., May, June	2½ to 3 ft.	6 in.	5 to 6 lbs.	Oct.	20 lbs.
Buckwheat	June to Aug. 15th	Broadcast	Broadcast	¾ to 1 bu.	Oct.	48 lbs.
Cabbage Seed—(Early)	Feb., Mch., Apr. and Sept.	Broadcast	Broadcast	8 ozs.	May, June, July	54 lbs.
Cabbage Seed—(Late)	May, June, July	Broadcast	Broadcast	6 ozs.	Oct. and Nov.	54 lbs.
Cabbage Plants—(Early)	Mch., April, Nov.	3 ft.	18 in.	8,000 to 10,000	May, June, July	-----
Cabbage Plants—(Late)	July and Aug.	3 to 3½ ft.	2 to 3 ft.	6,000 to 8,000	Oct. and Nov.	-----
Carrot	Mch. to June	2 ft.	3 to 4 in.	3 to 4 lbs.	60 days	28 lbs.
Celery—Seed	Feb. and Mch.	1½ to 2 ft.	2 to 4 in.	3 lbs.	Nov.	37 lbs.
Celery—Plants	July and Aug.	4 ft.	6 to 12 in.	15,000 to 25,000	Nov.	-----
Clover—Red and Mammoth	Feb., Mch. and July to Nov. 1	Broadcast	Broadcast	10 to 12 lbs.	June of next year	60 lbs.
Clover—Alsike	Feb., Mch. and July to Nov. 1	Broadcast	Broadcast	8 to 10 lbs.	June of next year	60 lbs.
Clover—Alfalfa	Feb., Mch. and Aug. to Nov. 1	Broadcast	Broadcast	25 lbs.	May of next year	60 lbs.
Clover—Crimson	July to Nov.	Broadcast	Broadcast	20 lbs.	May of next year	60 lbs.
Corn—Garden	Apr. to July 10	3 to 3½ ft.	12 to 18 in.	4 to 8 qts.	2 to 3 months	44to56
Corn—Field (drills)	Apr. to July 1	3½ to 4½ ft.	12 to 18 in.	6 to 8 qts.	4 months	56 lbs.
Corn—Field (checked)	Apr. to July 1	3½ to 4 ft.	3½ to 4 ft.	4 to 6 qts.	3 to 4 months	56 lbs.
Cucumber	Apr. to July	4 to 5 ft.	2 ft.	2 to 3 lbs.	2½ months	40 lbs.
Egg Plant—Seed	Feb. and Mch.	Broadcast	Broadcast	6 ozs.	3 to 4 months	40 lbs.
Egg Plants	May and June	3 ft.	3 ft.	5,000 to 6,000	60 days	-----
Grass Seed—(Light)	Feb. to Apr. 10	Broadcast	Broadcast	2 bus.	June of next year	14 lbs.
Grass Seed—(Timothy)	*Feb. and Mch.	Broadcast	Broadcast	15 lbs.	July of next year	45 lbs.
Grass Seed—(Lawn)	*Feb. and Mch.	Broadcast	Broadcast	60 to 80 lbs.	8 to 10 weeks	20 lbs.
Kale—Spring	*Feb. to May 1	Broadcast	Broadcast	8 to 10 lbs.	4 to 6 weeks	56 lbs.
Kale—Winter	Aug. to Nov.	Broadcast	Broadcast	3 to 4 lbs.	Nov.	54 lbs.
Lettuce—Seed	Feb. to May	Broadcast	Broadcast	1 lb.	2 to 3 months	35 lbs.
Lettuce—Plants	Feb. to June and Aug. to Nov.	18 to 24 in.	8 to 12 in.	20,000 to 40,000	2 months	-----
Muskmelon or Cantaloupe	May and June	4 to 6 ft.	4 to 6 ft.	2 lbs.	2½ to 3 months	32 lbs.
Melon—Water	May and June	8 to 10 ft.	8 to 10 ft.	2 lbs.	3 months	32 lbs.
Millet—German	May to Aug. 1	Broadcast	Broadcast	1 to 1½ bus.	60 days	50 lbs.
Oats—Spring	Mch. and Apr.	Broadcast	Broadcast	1½ to 2 bus.	July 1st	32 lbs.
Oats—Winter	Aug., Sept., Oct.	Broadcast	Broadcast	2 bus.	Jun. 20 to July 1	32 lbs.
Okra	Apr. and May	2½ to 3 ft.	8 to 10 in.	8 to 10 bus.	60 days	48 lbs.
Onions—For large bulbs	Mch. and Apr.	15 to 24 in.	3 in.	4 to 5 lbs.	July and Aug.	40 lbs.
Onions—For sets	Mch. and Apr.	12 to 18 in.	-----	30 to 40 lbs.	July and Aug.	40 lbs.
Onion—Sets	Feb. to May and Sept. and Oct.	18 to 24 in.	4 in.	5 to 10 bus.	May and June	32 lbs.
Parsnips	Mch. and Apr.	1½ to 2 ft.	4 in.	5 to 7 lbs.	Oct.	18 lbs.
Peanuts	May and June	3 ft.	15 to 18 in.	1 bu. to 1½ bus.	Nov.	22 lbs.
Peas—Garden Smooth	Feb. to May	3 ft.	15 to 18 in.	1½ to 2 bus.	8 weeks	60 lbs.
Peas—Garden Wrinkled	Mch. to May	3 ft.	16 to 18 in.	1½ to 2 bus.	8 to 10 weeks	56 lbs.
Peas—Canada Field	Feb. to May and in Nov.	Broadcast	Broadcast	1½ bus.	June	60 lbs.
Peas—Cow	May to Aug. 1	Broadcast	Broadcast	1½ bus.	3 months	60 lbs.
Pepper—Seed	Feb. and Mch.	Broadcast	Broadcast	6 oz.	July and Aug.	28 lbs.
Pepper—Plants	May and June*	30 in.	18 in.	10,000 to 14,000	July and Aug.	-----
Potatoes—Early	Mch. and Apr.	2½ to 3 ft.	15 to 18 in.	8 to 12 bus.	June and July	60 lbs.
Potatoes—Late	June and July	2½ to 3 ft.	15 to 18 in.	8 to 12 bus.	Oct. to Nov.	60 lbs.
Potatoes—Sweet, Plants	May 10, June 15	3 ft.	18 to 24 in.	7,000 to 8,000	Sept.	-----
Pumpkin	May and June	8 to 10 ft.	8 to 10 ft.	2 lbs.	Oct.	24 lbs.
Radish	Feb. to May and Aug. and Sept.	Broadcast	Broadcast	20 lbs.	24 to 40 days	50 lbs.
Rape	Feb. to Oct.	Broadcast	Broadcast	8 to 10 lbs.	6 to 8 weeks	56 lbs.
Rye	Aug. to Dec.	Broadcast	Broadcast	1 to 1½ bus.	June	56 lbs.
Salsify	Mch. to May 10	1½ to 2 ft.	3 to 4 in.	6 to 8 lbs.	Oct.	18 lbs.
Sorghum—For Fodder	May and June	Broadcast	Broadcast	1½ to 2 bus.	Sept. and Oct.	50 lbs.
Sorghum—(In drills)	May and June	3 ft.	4 to 6 in.	1 peck	Nov.	50 lbs.
Spinach—(In drills)	Feb., Mch., Apr. and Aug. to Nov.	15 to 18 in.	2 in.	20 lbs.	60 days	48 lbs.
Spinach—(Broadcast)	Feb., Mch., Apr. and Aug. to Nov.	Broadcast	Broadcast	40 lbs.	60 days	48 lbs.
Squash	Apr., May, June.	4 ft.	4 ft.	3 lbs.	July	26 lbs.
Teosinte	May and June	3 to 3½ ft.	8 to 10 in.	to 5 lbs.	Aug. to Oct.	46 lbs.
Tobacco—Plants	May and June	3 to 4 ft.	2 to 3 ft.	4,000 to 5,000	Sept. to Oct.	35 lbs.
Tomato—Seed	Feb. to June	Broadcast	Broadcast	6 ozs.	Jun. 20 until frost	20 lbs.
Tomato—Plants	May to July	4 ft.	3 to 4 ft.	2,800 to 4,000	Jun. 20 until frost	-----
Turnip	July 1 to Sept. 15th	2 ft.	4 in.	1 to 1½ bus.	1½ to 2 months	50 lbs.
Turnip—(Broadcast)	July 1 to Sept. 15	Broadcast	Broadcast	2 lbs.	1½ to 2 months	56 lbs.
Vetch—Winter	Aug. to Nov.	Broadcast	Broadcast	50 lbs.	May of next year	50 lbs.
Wheat	Sept. to Nov. 15	Broadcast	Broadcast	1 to 2 bus.	June 20	60 lbs.

*Sept. and Oct.

Vegetable Seeds

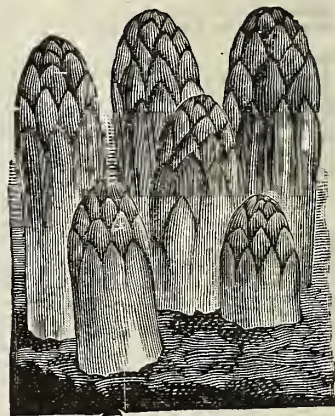
Asparagus

CULTURE—Asparagus seed can be sown either in the spring or the fall, but we recommend sowing it in the spring. It should be sown thinly in rows, one foot apart. When it is up give frequent cultivations until plants are one year old, then transplant to permanent beds, and place the roots 16 to 18 inches apart each way with the crown of the root 4 inches below the surface. Use your best soil for Asparagus. You cannot get it too rich, nor can you use too much manure on this crop.

PALMETTO—This is the favorite and the earliest variety grown in the South. It is becoming more popular every year with both market and home gardeners. It is adapted to all sections where Asparagus can be grown. It grows to a large size and is very productive. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

COLUMBIAN MAMMOTH WHITE—A very large variety, and stays white as long as it is fit for use, and requires but little artificial blanching. A good variety for general use. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

GIANT ARGENTIEUL—One of the largest French sorts, and is very popular in trucking sections where it has been grown. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

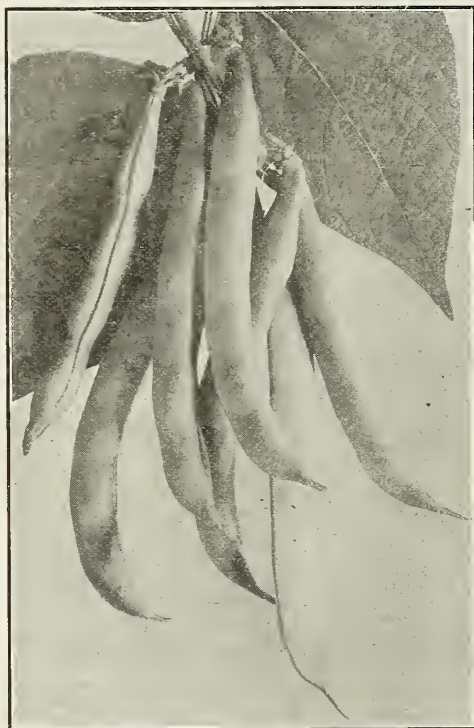


ASPARAGUS

ASPARAGUS ROOTS.

The quickest and most satisfactory way to grow Asparagus is from the roots. Two-year-old Palmetto roots at 75 cts. per 100, \$4.25 per 1,000.

ASPARAGUS KNIVES—Very handy and useful for cutting asparagus, each, 40 cts. (mailing weight 1 lb.).



D. & B.'S IMPROVED EARLY RED VALENTINE BEANS

Bush Snap Beans

When Beans are ordered sent by mail, add for postage, mailing weight of 1 pint, 1 pound; mailing weight of 1 quart, 2 pounds.

GREEN-PODDED VARIETIES.

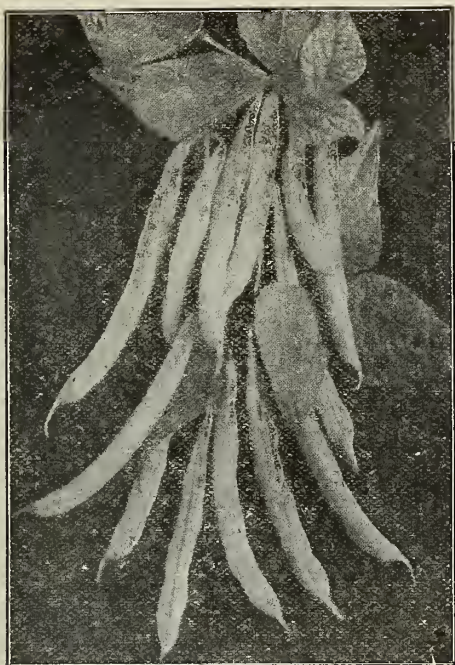
The crop of Beans was exceedingly short this past season, consequently the prices are necessarily higher than for many years. In some varieties the crop was an entire failure, therefore we have omitted some varieties which we have heretofore been selling; but our assortment consists of the best varieties grown for family use or market.

CULTURE—These can be planted with safety any time from April 1st to September 1st. They do better in light, loamy soil, but will thrive well in any good soil. Sow 3 inches apart in the rows, and have the rows $2\frac{1}{2}$ or 3 feet apart. One quart will sow 100 feet of drill, $\frac{1}{2}$ to 1 bu. to the acre.

D. & B.'S IMPROVED RED VALENTINE—This is decidedly the most popular bean grown in this section for market gardeners and family use. They are ready to pick 7 weeks after planting. The pods are round, thick and fleshy, of good quality and flavor. Our strain of this bean is a decided improvement over the old speckled Valentine. Pkt., 10 cts.; qt., 30 cts.; pk., \$2.00; bu., \$7.75.

BURPEE'S STRINGLESS GREEN - POD—This is absolutely a stringless bean, and this quality alone puts it ahead of most table beans. The pods break as short and as free as pipe stems. It is also extra early and of splendid table qualities. One of the best sorts for market gardeners and home use. Pkt., 10 cts.; qt., 40 cts.; pk., \$3.00.

BEANS—Continued.



BLACK VALENTINE

PROLIFIC BLACK WAX—The most popular Wax variety for home use. The pods are round and brittle and of buttery flavor when cooked. Pkt., 10 cts.; qt., 50 cts.

IMPROVED DWARF GOLDEN WAX—An early variety with pods of rich golden color. A good variety for the home garden. Pkt., 10 cts.; qt., 50 cts.

HODSON WAX—A vigorous grower, producing a large crop of large, handsome pods. A good late bean. Pkt., 10 cts.; qt., 50 cts.

POLE OR CORNFIELD SNAP BEANS.

Plant in May and June in rows 4 feet each way; 5 in hill. Can be planted in corn or by poles, 8 feet high.

OLD HOMESTEAD OR IMPROVED KENTUCKY WONDER—The earliest pole bean. It is very productive. Grows in clusters; has long, crisp, tender pods of bright green color. The most popular pole snap bean. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.80; bu., \$6.75.

WHITE KENTUCKY WONDER—Similar to the Old Homestead, but is earlier and covers a longer season of productiveness and a decided improvement on its parent, being white seeded makes it also a splendid white shell bean. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.90; bu., \$7.00.

HORTICULTURAL OR WREN'S EGG—A prolific and hardy pole bean; makes an excellent shell bean, either green or dry; is also a good snap bean if used while young and tender. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.75.

WHITE CREASEBACK—A white seeded, round, green pod pole bean; a prolific yielder of excellent quality. Sometimes called White Cornfield Bean. Pkt., 10 cts.; qt., 30 cts.; pk., \$2.00; bu., \$7.00.

DWARF LIMA BEANS

Plant in April, May or June, in 3-foot rows, 2 beans every 15 inches, $\frac{1}{2}$ bushel to the acre.

BURPEE'S FORDHOOK BUSH LIMA—A recent introduction of Bush Lima Bean, bearing large pods with 4 or 5 very large, thick beans crowded in the pod. The beans are unsurpassed in flavor and tenderness. We consider this decidedly the best large Lima Bean offered. Plants grow upright 18 to 20 inches high, holding the beans well off the ground. Pkt., 10 cts.; qt., 40 cts.; pk., \$2.50.

BURPEE'S IMPROVED BUSH LIMA—Of enormous size and 8 days earlier than the old Burpee's Bush Lima, and the beans are larger and thicker. Pkt., 10 cts.; qt., 40 cts.; pk., \$2.50.

BLACK VALENTINE—An extra early variety, being a week earlier than the Red Valentine. It is black seeded with round pods, very prolific, and is of splendid table qualities. Pkt., 10 cts.; qt., 30 cts.; pk., \$2.10; bu., \$8.00.

LONGFELLOW—A valuable green, round-podded variety of the Valentine type, but with longer and straighter pods, very prolific and hardy. It is extra early and a popular sort. Pkt., 10 cts.; qt., 30 cts.; pk., \$2.10.

GIANT STRINGLESS GREEN POD—A mammoth-podded selection from the original Burpee's Stringless, not quite as early, but fully a third larger than its parent. Pkt., 10 cts.; qt., 40 cts.

HODSON GREEN-POD—A very hardy and healthy bean, is a good yielder, and entirely stringless when young. A good variety for late crops. Pkt., 10 cts.; qt., 30 cts.; pk., \$2.00.

EARLY YELLOW SIX WEEKS—An extra early, vigorous and hardy variety for earliest plantings, long, full-meated flat pods of good quality. Pkt., 10 cts.; qt., 30 cts.; pk., \$2.10.

REFUGEE OR 1,000 TO 1—Pods are perfectly round and straight. Is very hardy, and an immense yielder, but is especially recommended for late planting. Pkt., 10 cts.; qt., 30 cts.; pk., \$2.10.

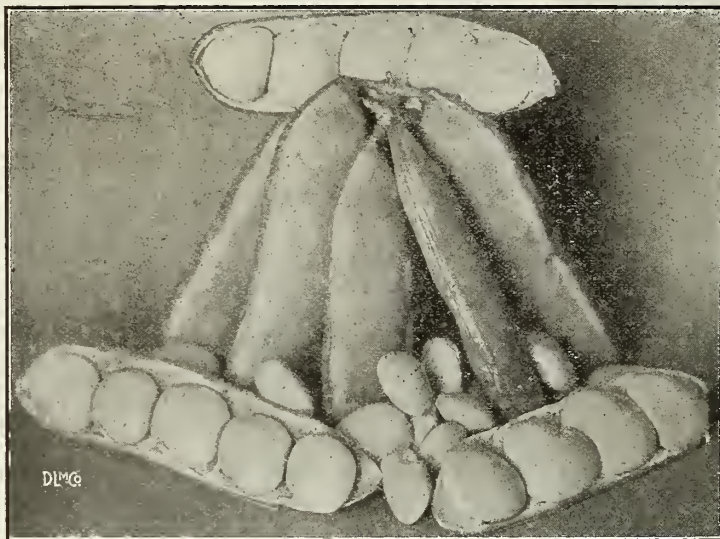
WAX-PODDED VARIETIES

The crop of Wax Beans was almost an entire failure this year and we cannot offer them in larger quantities than 1 quart.



GOLDEN WAX BEANS

BUSH LIMA—Continued.



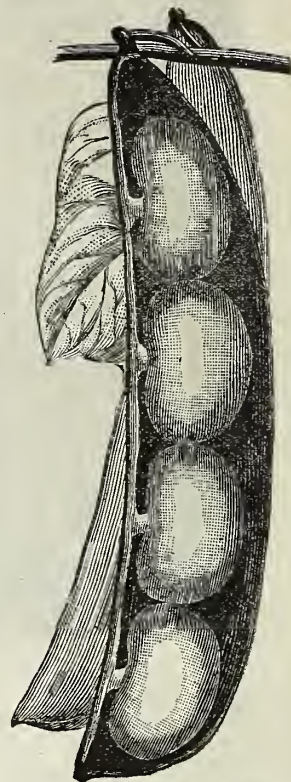
BURPEE'S FORDHOOK BUSH LIMAS

HENDERSON'S BUSH LIMA—The original well-known small bush Lima. It is early, a large yielder and of good flavor. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.65; bu., \$6.25.

WOOD'S PROLIFIC BUSH LIMA—A very good medium size bush bean. Larger than the Henderson's Bush and not as large as the Burpee's Bush. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.65; bu., \$6.50.

POLE LIMA BEANS

Plant in April and May, in hills 3 feet apart, and rows 4 feet apart, and set poles 8 feet high in the hills; plant 4 or 5 beans to the hill.



D. & B.'S IMPROVED POLE LIMA BEANS



WOOD'S PROLIFIC BUSH LIMA

FORD'S MAMMOTH PODDED LIMA—A very large and popular White Lima Bean. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.65; bu., \$6.25.

EXTRA LARGE WHITE LIMA—Large Beans; superior flavor; an improvement on the old Large Lima. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.85.

D. & B.'S IMPROVED POLE LIMA—

Much larger than the Small Lima and earlier and much more prolific than the Large White Lima. Our stock cannot be surpassed. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.75; bu., \$6.50.

SIEBERT'S EARLY LIMA—The earliest large Pole Lima Bean, and one of the best for the market gardeners. It is very productive, hardy and vigorous, produces pods early and continues bearing to the last of the season. The green beans are of large size, but so tender and succulent that when dry they are about the size of the Large White Lima. Splendid for the home garden. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.85; bu., \$6.75.

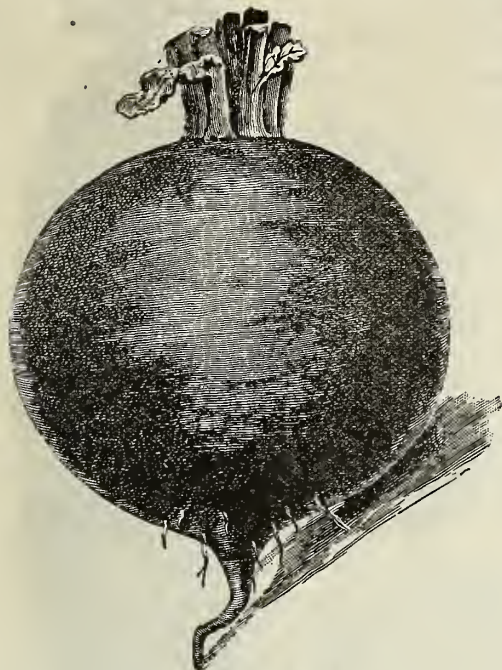
SMALL LIMA OR BUTTER BEAN—Earlier and more productive than the Large Lima. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.60; bu., \$6.00.

When Beans are ordered to be sent by mail, add for postage—1 pint, mailing weight, 1 pound; 1 quart, mailing weight, 2 pounds.

BEST BY TEST.—Please ship me the following: I prefer your Seed as they have always shown up better.
Will send you a larger order soon. 8 Yours truly, A. L. PITTS,

Buckingham County, Va., July 12, 1915.

Beets



CRIMSON GLOBE



EXTRA EARLY ECLIPSE

CULTURE—For very early crop sow in hotbeds in January and February and transplant. Sow outside in drills from March to July, as desired, for medium early or late crop. Drills 2 to 3 feet apart. Use a light, clean, free, deep soil. One ounce will sow 50 feet drill; 7 pounds to the acre. 5 lbs. and over at 5 cts. per lb. less.

EXCELSIOR OR COLUMBIA—Early, attractive shape, blood-red, rich and tender; has small tops. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

CROSBY'S EGYPTIAN—Very early strain of the old standard Egyptian; small tops; good shape; popular with truckers. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 80 cts.

CRIMSON GLOBE—Early, rich crimson; perfect globe; smooth and clean. Very attractive, and a general favorite. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

DETROIT DARK RED—A fine strain of Blood Turnip, but uniform in size, and smooth, medium size, rich, red color, tender and remaining so for a long time. Good for both summer and fall use; one of the best for home use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

EXTRA EARLY ECLIPSE—The most popular market beet. Globe shaped; dark and tender; very early. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 65 cts.

EDMAND'S EARLY BLOOD TURNIP—Round, good size; dark red; quality good; one of the best for main crop. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

IMPROVED EARLY BLOOD TURNIP—Dark red, smooth; uniform; a good variety for home use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

BASTIAN'S EARLY BLOOD TURNIP—Grows quick and large; bright red. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

EXTRA EARLY BASSANO OR SUGAR—Light color; sweet, tender, and very early. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

LONG SMOOTH BLOOD—Dark red; good sort for main crop. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

EGYPTIAN—A standard extra early variety; a favorite with market gardeners; it is smooth, deep red. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 70 cts.

SWISS CHARD OR SILVER-LEAVED BEET—Grown for its leaves and stems only. Cook the leaves as you do spinach and the stems like asparagus. Leaves grow from 20 inches to 2 feet in length. The plant is almost perpetual if kept trimmed; also good for poultry greens. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.



EGYPTIAN

Seeds in Quantity

Market Gardens and Public Institutions buying Vegetable Seeds in large quantities are requested to send us a list of their requirements and we will take pleasure in quoting special prices. In writing us, please be sure to state quantities wanted.

MANGELS OR STOCK BEETS.

Sow 6 lbs to the acre in April, May or June, in 3-foot rows and cultivate like corn. Should stand 6 inches apart in the row. 5 lbs. and over at 5 cts. per lb. less.

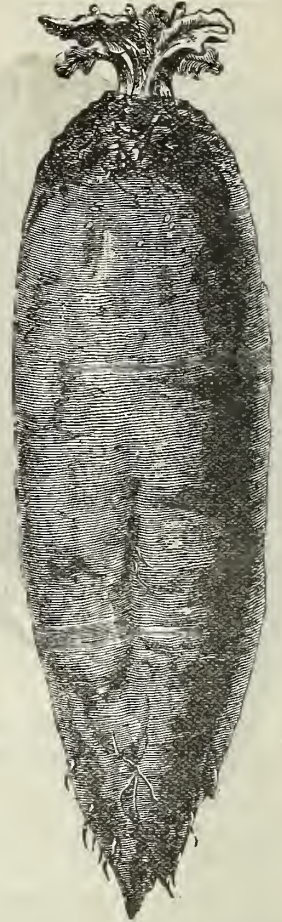
DANISH IMPROVED SLUDSTRUP—Long, reddish yellow; grows well above the ground and easy to pull. It has been awarded a first-class certificate by the Danish Government and is doubtless one of the best mangols. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

MAMMOTH PRIZE LONG RED—Very large, sometimes weighing 20 lbs or more. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 30 cts.

WHITE SUGAR—A very hardy variety, producing large crops with little care. The root is very large and very rich in sugar, and while not sufficiently so for sugar purposes, it makes remarkably fine, rich food for stock. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

GOLDEN TANKARD—Rich, yellow, well-shaped; good yielder. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 30 cts.

YELLOW GLOBE—This variety does best in light soils. Grows to a large size and keeps well. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 30 cts.

**Brussels Sprouts**

The Sprouts resemble miniature cabbages, growing closely on the stalk of the plant. The leaves should be broken down in the fall to give the little heads more room to grow. They should be treated in all respects like Winter Cabbage or Kale. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.50.



WINTER QUEEN CELERY

Celery

Sow in beds in February or March and keep well watered. Transplant from July to October to moist, mucky soil; 6 inches apart in 12-inch rows. Earth up two or three times. Cover with straw from severe weather, with boards on top. One ounce of seed produces 2,000 plants.

WINTER QUEEN—We consider this the best winter Celery. It blanches easily, has a crisp, nutty flavor; is hardy and a splendid keeping variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

GIANT PASCAL—Thick, solid stalks, golden hearts; blanches quickly; keeps well; good flavor; one of the most popular varieties. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.65.

WHITE PLUME—One of the best for early use; handsome, good quality, and blanches easily. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.75.

GOLDEN SELF-BLEACHING—Not as early as the White Plume, but is of a heavier and more compact growth. Its stalks are thick, crisp and brittle, with large solid hearts. The quality is superb, good flavor, tender and free from stringiness. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.15; lb., \$4.00.

Celery Plants—See page 20.

Cauliflower

Cultivate like cabbage. Sow in January or February for early crop, or May for late crop. Transplant to moist soil; manure heavily and water freely. When heading begins fasten leaves over top of head to whiten. One ounce of seed makes 2,000 plants.

EARLY SNOWBALL—A sure header; large, solid, perfectly white, and good quality, the favorite variety. Pkt., 25 cts.; $\frac{1}{4}$ oz., 65 cts.; oz., \$2.00; $\frac{1}{4}$ lb., \$7.00.

AUTUMN GIANT—Valuable late variety; heads large, white and keeps well. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

Water Cress or Pepper Grass

Sow Water Cress in the spring along brooks or in mucky land. Pkt., 10 cts.; oz., 25 cts.

Cabbage

Sow in January, February and March for spring setting; in April to June for late crop. Sow in September for transplanting in November for very early spring crop. Transplant to good rich, clean soil, in 3 to 4-foot rows, 18 to 16 inches between plants, according to variety, whether large or small growth.



D. & B.'S SELECTED EARLY JERSEY WAKEFIELD

D. & B.'S EARLY SPRING—This is a very early flat-headed cabbage. Coming in, as it does, with the Charleston Wakefield, and at the same time producing heads almost as large as the Early Summer makes it one of the best varieties for early market. It has a short stem, is a sure header, and can be planted close together. It has proven to be a money-maker for the market gardener. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

D. & B.'S SELECTED EARLY JERSEY WAKEFIELD—The most popular early variety for market or family use. Heads hard and solid. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

LARGE OR CHARLESTON WAKEFIELD—Not quite as early as Jersey Wakefield, but larger, of uniform size and a solid good shipper. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

COPENHAGEN MARKET—A very early large flat-head Cabbage, maturing with the Charleston Wakefield. On account of its earliness, combined with its large size, is destined to become a favorite market Cabbage. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.; lb., \$3.50.

EXTRA EARLY EXPRESS—Ready for market a week earlier than any other Cabbage in our list. Good quality, but not very hard heads. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.



AUTUMN KING, OR WORLD BEATER CABBAGE 11



D. & B.'S EARLY SPRING CABBAGE

EARLY FLAT DUTCH—Medium early; large, flat, solid heads; a reliable and popular variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.60.

WINNINGSTADT—Medium early. Makes firm, conical shape, hard heads. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

ALL HEAD EARLY—One of the best second early varieties; large deep heads; solid, uniform, in color, size and shape. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

HENDERSON'S EARLY SUMMER—Solid round heads; comes in just after Charleston Wakefield. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

SOLID SOUTH—A good and very popular summer Cabbage. Stands hot, dry weather better than most other varieties. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

HENDERSON'S SUCCESSION—One of the largest and most popular Early Flat Head Cabbages. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

SUREHEAD—One of the best for main crop; solid, medium size; late. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

ALL SEASONS—Equally good for fall, winter and summer; large, solid, round heads; good quality. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

DANISH BALLHEAD OR AMAGER—A good variety of winter Cabbage. It has a short stem, large head, and is the hardest and heaviest for its size known. It is very hardy, resisting droughts and wet weather much better than our American Cabbage. It matures quickly and can be planted later than the larger American Cabbages. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

DANISH SUMMER BALLHEAD—The heads of this cabbage are of splendid shape and are ready early in the season. It is very large, firm and heavy. You will like it. Try them. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

AMERICAN DRUMHEAD SAVOY—Very tender; good flavor; large heads of superior quality, with curled leaves. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.



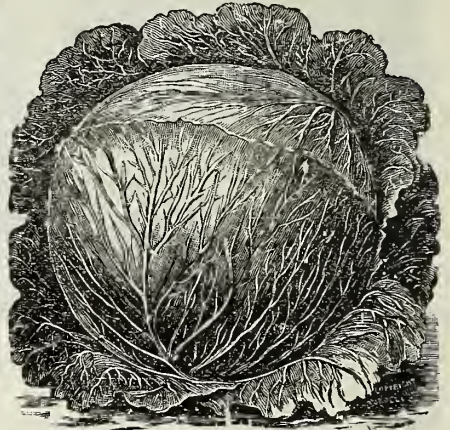
DANISH BALLHEAD

DANISH ROUND HEAD—An earlier, but shorter stem type of the Ballhead, is larger and produces more weight per acre. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

D. & B.'S PREMIUM LATE FLAT DUTCH—Popular winter Cabbage; large, solid, flat heads. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

LARGE, LATE DRUMHEAD—Resembles Flat Dutch, but more round; large, solid; keeps well. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.

VOLGA—This is one of the most popular varieties for fall and winter crop. It is intended for late planting only. It can be put out later than most other late cabbages and will mature early; of uniformly large, round, hard heads. Try it. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$1.75.



VOLGA CABBAGE

AUTUMN KING, OR WORLD BEATER—This is unquestionably one of the best late cabbages grown in this country. It has been tested along with other varieties, and proven to be not only larger, but more solid, and keeps well. We recommend this cabbage as an excellent fall variety. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

Cabbage Plants—See page 20.

Carrots

Sow from February to June in light, deep rich soil in drills 12 inches apart; plants should stand 5 inches apart in the rows; fertilize well. One ounce of seed to 100 feet of drill, 4 pounds to the acre. To keep for winter, pack in dry sand, and place in a cellar.

CHANTENAY—One of the best for home or market. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 90 cts.

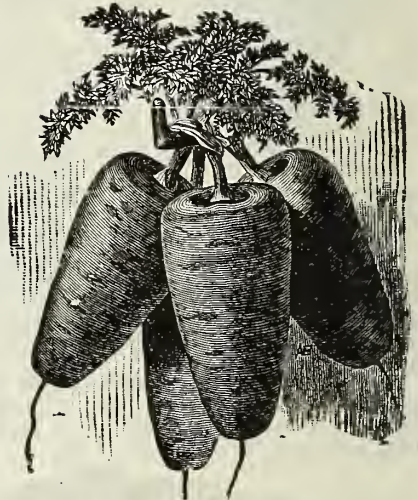
SCARLET INTERMEDIATE—Large, uniform, symmetrical; almost without core; very popular for home and market. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.00.

IMPROVED LONG ORANGE—Long and tapering; deep orange. One of the finest for winter use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 65 cts.

DANVER'S HALF LONG—Rich, dark orange colored; good quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 85 cts.

EARLY SCARLET OR SHORT HORN—Early smooth bright orange; solid; does well in shallow soil. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.00.

LARGE WHITE BELGIAN—Grown for stock only; enormous size and large yielder. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts.



CHANTENAY CARROT

One of our former customers, who has been purchasing from us large quantities of Cabbage Seed for several years, writes:

"Your last shipment of 100 pounds of Cabbage Seed arrived in due time, for which I thank you, and was sown today after a good season. I greatly appreciate your kindness and efforts in getting the shipment off in time. I wish to say further that I am well pleased with the quality of the Seed you have sent me. Again thanking you, I am,
Yours very truly,
W. L. KIVETT."

Nelson County, Va., April 15, 1915.

ALWAYS A PLEASURE.—Your shipment of Seeds arrived on yesterday, and they are the nicest I have gotten this season. It always gives me much pleasure to plant them.

Yours truly,

MRS. C. A. THURMOND.

Orange County, Va., February 18, 1915.

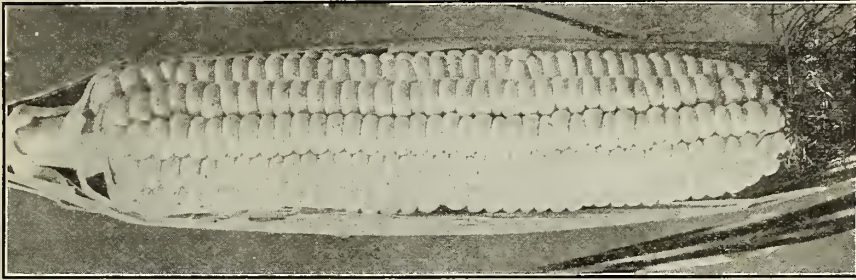
SATISFACTION ALWAYS.—Your Seeds have given satisfaction always.

Very truly yours,

R. C. COWHERD, Secy. and Treas.,
Gordonsville Farmers Club.

Garden Corn

For early market, plant early varieties latter part of March. Sugar Corns should not be planted until April, then at intervals of two weeks for a succession. Sugar Corn planted in July will mature late roasting ears. Plant 4 to 8 quarts to the acre.



STOWELL'S EVERGREEN

Packets of Corn put up to sell at 5 cents, postpaid, contain too small a quantity. We therefore put up liberal size packets at 10 cents, postpaid, preferring to please rather than disappoint. If larger quantities are ordered sent by mail, add postage—1 pint equals one pound; 1 quart equals 2 pounds, mailing weight.



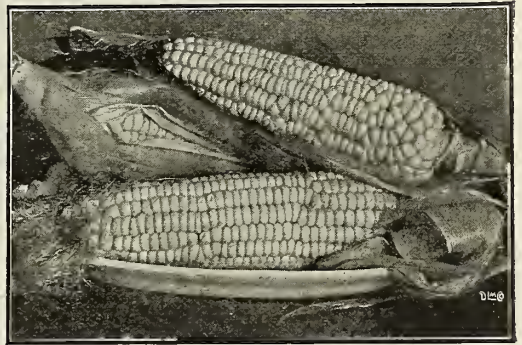
TRUCKER'S
FAVORITE
CORN

EXTRA EARLY ADAMS—Earliest white corn, but has a small ear and stalk. Pkt., 10 cts.; qt., 15 cts.; pk., 85 cts.; bu., \$2.75; per dozen ears, 25 cts.

IMPROVED ADAMS EARLY—An improvement on the old variety, being nearly one-third larger and almost as early. Pkt., 10 cts.; qt., 20 cts.; pk., 90 cts.; bu., \$3.00; dozen ears, 30 cts.

EARLY ADAMS—About a week later than Extra Early, but has larger ears; small stalks; earlier and harder than sugar corn. Pkt., 10 cts.; qt., 15 cts.; pk., 85 cts.; bu., \$2.75; dozen ears, 25 cts.

TRUCKER'S FAVORITE—A splendid early white corn, coming in directly after Adams Early, but much larger; has a deep white, soft grain. Pkt., 10 cts.; qt., 15 cts.; pk., 85 cts.; bu., \$2.75; dozen ears, 30 cts.



EARLY WHITE EVERGREEN

SWEET OR SUGAR CORNS

EARLY WHITE EVERGREEN CORN—This is a high-bred pure white type of the ever popular Stowell's Evergreen. Market gardeners, canners and all lovers of sugar corn have been long wishing for a white sweet corn as good as Stowell's Evergreen. They can now have it—sweet and tender. When in the green state both cob and kernel are white as snow. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.00; bu., \$3.60.

GOLDEN BANTAM—A distinct variety of Extra Early Sweet Corn of golden yellow color, very sweet and tender, is hardy and can be planted earlier than most sweet corns. Has several ears on the stalk 5 to 7 inches in length. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.25; bu., \$4.00.

STOWELL'S EVERGREEN—A large size prolific sweet corn of excellent quality. A favorite for market or home use; also a splendid canning variety. Pkt., 10 cts.; qt., 20 cts.; pk., 90 cts.; bu., \$3.25; dozen ears, 40 cts.

EARLY PREMO—A week earlier and harder than any other sweet corn. Can be planted earlier than other sweet corns without danger of the seed rotting in the ground. The ears are eight to ten rowed, and from one to two inches longer than Adams, and of fine quality. It is a vigorous grower, stalks about five feet high, generally bearing two well-developed ears to a stalk. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.00; bu., \$3.75.

KENDELL'S EARLY GIANT—The ears measure 8 to 10 inches long. It is very prolific, maturing from 60 to 72 days, and commands quick sale in any market. Also a very good variety for home use. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.00; bu., \$3.50.

We have used a great deal of your Seeds while in Amelia County and they have always given satisfaction.
Yours respectfully, JOHN HENTZ.

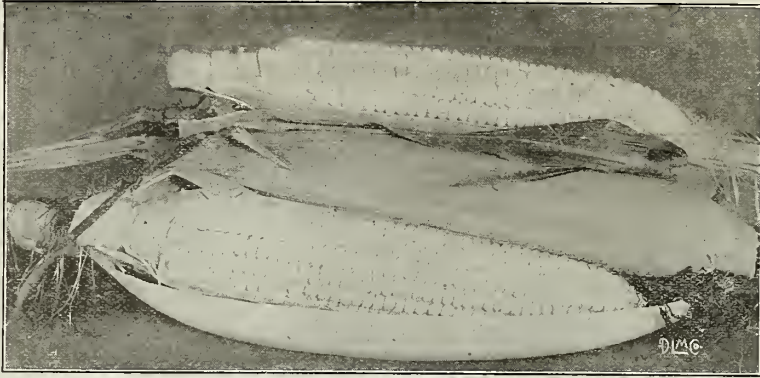
Gates County, N. C., February 15, 1915.

I bought some Seeds from you last year and they did fine.

13

Yours truly,

MRS. SYLVIA E. BOONE.



COUNTRY GENTLEMAN

COUNTRY GENTLEMEN—Considered the very best quality sweet corn for table use and canning; has long, deep grains, and yields 2 to 4 ears to the stalk. A general favorite. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.00; bu., \$3.75.

POP CORN.

WHITE RICE—The most popular variety. Pops pure white. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

QUEEN'S GOLDEN—Ears large, handsome yellow; pops white and tender. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

MAPLEDALE PROLIFIC—Very prolific; pearly grains; pops white and tender. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

RED BEAUTY—The red variety of pop corn; very good. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.10; dozen ears, 25 cts.

POP CORN—For popping. Per pkt., 10 cts.; lb., 10 cts.; 10 lbs., at 6 cts.; 100 lbs., \$4.00.

CORN POPPERS—A splendid galvanized Corn-Popper, with gunmetal finish; has sliding lid operated with attachment on handle; 25 cts. each; (mailing weight, 2 lbs.)

Egg Plant

Sow in February or March. When 2 inches high transplant to pots or good rich soil, and in May to 3-foot rows in deep, rich loam. One ounce of seed will produce about 1,000 plants.

BLACK BEAUTY—This is the earliest and best of all large fruited Egg Plants. It is fully as large and ten days or two weeks earlier than the New York Improved Purple. The large fruits are thick and of most attractive form. The skin is a rich, lustrous, purplish black, and it is entirely free from spine or thorns. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

EGG PLANTS—See page 20.

Endive

GREEN CURLED—Has fine cut leaves, and gives a mossy appearance when blanched. Sow in August in 18-inch drills, and later thin plants to one foot apart, when large, tie up outer leaves to blanch, water freely. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.



BLACK BEAUTY EGG PLANT

GOOD REPUTATION.—Please send me your catalogue. Prince Edward County, Va., March 3, 1915
One of your customers is staying with me and tells me that your Seed House is the best in Virginia.
Respectfully,

MRS. W. P. JONES.

HIGHLY RECOMMENDED.—My father recommended your Seed so highly that I am induced to send you my order. Please send me the following.
James City County, Va., February 22, 1915.

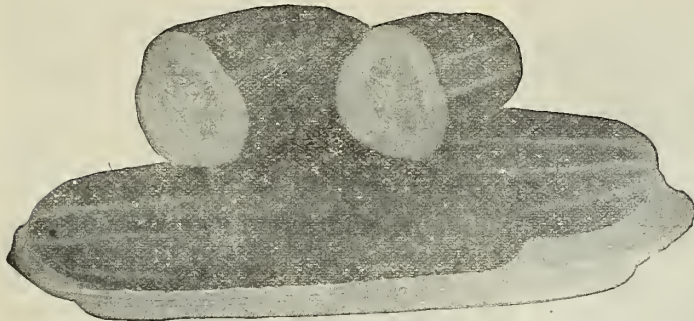
Sincerely yours,

MRS. M. C. SLATER.

We are very much pleased with the Seeds we bought of you this spring. Cumberland County, Va., May 7, 1915.
and oblige. Yours truly, Please send me the following order,
MRS. L. E. BRADLEY.

Cucumbers

For very early crop plant in hotbeds; for later crop plant from April to July in rich, well-manured hills 4 feet apart, 10 seed in hill; thin to two or three plants. One ounce to 50 hills; 2 pounds to the acre.
5-lb. lots and over, 5 cts. per lb. less.

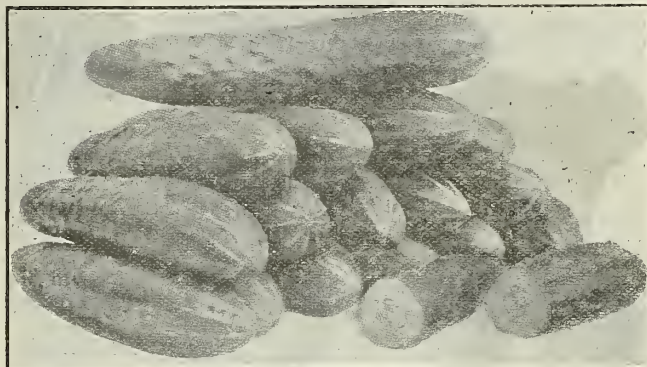


D. & B.'s EARLY FORTUNE

KLONDYKE—This variety was introduced several years ago, and is becoming very popular as a market variety. The fruits are long and straight, and hold their deep green color, which makes it a good shipping sort. It is early and very productive. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

IMPROVED LONG GREEN—Prized for table, market and pickles; dark green, firm and crisp. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

GREEN PROLIFIC—Very prolific; especially recommended for pickles. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.



ARLINGTON WHITE SPINE

GHERRIN OR BURR CUCUMBER—Small, prickly; used for pickles only. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.



GHERRINS

COLLARDS

Sow and cultivate like cabbage, and use for greens; also good for stock.

NORTH CAROLINA SHORT STEM—Large, spreading leaves; very hardy; good flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

GEORGIA OR SOUTHERN—A very old and popular variety. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 45 cts.

LARGE-SEEDED CORN SALAD.

Sow in early spring in rows 12 inches apart and repeat as desired for succession. May be sown in September, if protected. Cultivate thoroughly and keep well watered.

Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.



GEORGIA COLLARD

Your Seed are the best I have ever used. I am sending you a small order and will send you another later. My husband gets all of his Grass Seed and Potatoes from you and is well pleased with them.
Yours truly, MRS. I. J. GATES.

Goochland County, Va., February 12, 1915.

Your Seeds have given me entire satisfaction, and I will buy from you next year.
Yours truly,

Essex County, Va., October 19, 1915.

LAL GREENWOOD.

I received the box of Seeds and Plants I ordered from you a few days ago and I am very much pleased with them.
Please send me the following.
Yours truly, J. S. BOGLE.

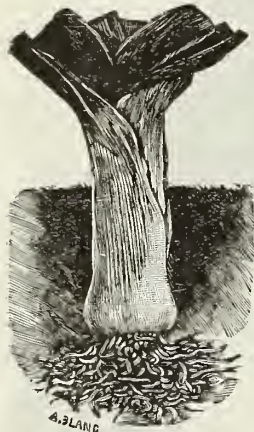
Loudoun County, Tenn., March 16, 1915.



EARLY CURLED SIBERIAN KALE

AMERICAN FLAG LEEK.

Large, thick stems, of sweet flavor. Sow in early spring in light, rich, moist soil. Transplant to 12-inch rows and 6 inches apart. Earth up to whiten necks. One ounce to 100 feet of drill. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.40.



LEEK



KOHL RABI

Okra

Sow in 3-foot drills and thin out to 8 inches apart. For winter use, slice young pods, string and dry in the shade. Sow one ounce to 50 feet of drill.

PERKINS' MAMMOTH PODDED—Very productive; pods intense green; 8 to 9 inches long. Superior for canning. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

WHITE VELVET—Pods large, round, white and smooth, and very abundant. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

DWARF PROLIFIC—Plants small, but very prolific. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

TALL GREEN—Long pods; grows 4 to 5 feet high. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

Kale

Sow Siberian in September or October; Scotch in August or September; Spring or Smooth, February to April, and September to November. Protect with straw in very severe weather.

SPRING OR SMOOTH—Hardy, quick-growing; best for spring sowing. Sow 8 to 10 lbs. to the acre broadcast, or 4 to 5 pounds in drills. Pkt., 5 cts.; lb., 20 cts.; 5 lbs. and over, at 15 cts. per lb.

EARLY CURLED SIBERIAN—A standard winter variety; bright green with purple tinge; curled. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.; 5 lbs. and over, at 35 cts. per lb. Sow 5 lbs. to the acre.

SLOW-SEEDING SIBERIAN KALE—Similar to Early Curled Siberian, but does not run to seed as early. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts.; 5 lbs. and over, at 40 cts. per lb.



SPRING KALE

GREEN CURLED SCOTCH—Popular for shipping. Light green, nicely curled. Sow 5 pounds to the acre. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.; 5 lbs. and over, at 45 cts. per lb.

KOHL RABI

EARLY WHITE VIENNA—White and tender; the best variety. Sow in April in 18-inch drills and thin out to 8 inches. For winter use, sow in June and July. One ounce to 200 feet of drill. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Herbs

Sow in spring in shallow drills 12 inches apart. Gather just before blooming and cork in bottles. We supply the following. All varieties, 5 cts. per pkt.:

DILL—Per oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

SAGE—Per oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.

THYME—Per oz., 30 cts.; $\frac{1}{4}$ lb., 90 cts.



OKRA

Culpeper County, Va., April 7, 1915.
I am glad to tell you that the Seed I bought of you last season proved very satisfactory.

Yours truly,

C. S. JONES.

Lettuce

For early crop, sow under glass in January; then for succession at intervals of three weeks. Transplant to rich, mellow soil, and keep well worked. Must have very rapid growth to succeed. Two crops can be grown in one season. One ounce to 1,500 plants.

EARLY WHITE CABBAGE—Very hardy, large, hard head; a splendid variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.40.

UNRIVALLED—An improvement on the famous Big Boston Lettuce, possessing all the good qualities of this kind, viz.: earliness, large size, attractive color, etc. Its additional value lies in the fact that it can be sown almost the whole year round; it resists heat remarkably well; is crisp and solid when other sorts become tough and flabby under the same conditions. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.



BIG BOSTON

D. & B'S BIG BOSTON—Favorite in the South for shipping; large and solid. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

MAY KING—Is of quick growth, nearly all head having few outer leaves; grows to a good size, and is of a specially fine, rich, buttery flavor. Is a good shipping Lettuce. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

EARLY CURLED SIMPSON—Heads up loose and very tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

HANSON—One of the best summer Lettuces. Large, solid, sure header; crisp and tender. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

MUSTARD.

Sow from February to April or September and October, broadcast or in drills, 6 inches apart. Cut when about 3 inches high. Sow one ounce seed to 80 feet drilled; 6 pounds to acre broadcast.

SOUTHERN GIANT CURLED—A favorite in the South; succulent, pungent and sweet. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

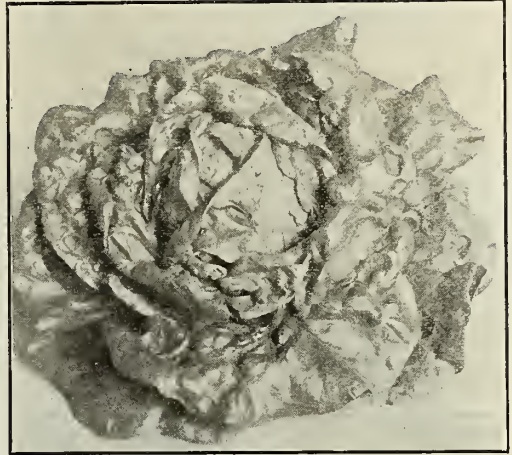
BLACK OR BROWN—For salad. Oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 25 cts.

WHITE—Oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 25 cts.

MUSTARD SEED FOR SEASONING—2 oz., 5 cts.; lb., 20 cts.

PARSLEY.

CHAMPION MOSS CURLED—Beautifully curled and crimped. Best for garnishing; also makes fine borders. Soak the seed a few hours and sow in rich soil, early in spring, in 1-foot drills. 1 ounce to 150 feet of drill. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.



WAYAHEAD

ALL SEASONS—A favorite summer Lettuce; large, but attractive appearance; crisp and buttery. It is especially recommended for its heat-resisting qualities, preserving its freshness under trying conditions. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

WHITE PARIS COS—The best of Celery Lettuces. Forms large, light green, solid, well-folded heads; of upright growth and esteemed for its crispness and mild flavor. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

WAYAHEAD—This is the earliest and hardiest Lettuce for cold frames or open ground. Is of handsome appearance and good quality. It is not only earlier than the Big Boston, but is also larger than that variety, and the heads are more tightly folded—a favorite with market gardeners. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.

Lettuce Plants—See page 20.



CHAMPION MOSS CURLED PARSLEY

Cantaloupe or Musk Melon

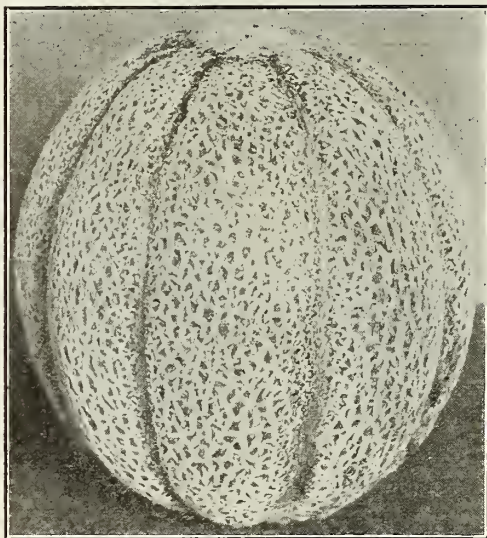
Plant in hills 5 feet apart in light, rich soil, well manured; 10 seeds to hill; thin to 4 plants. Cultivate well. Pinch off ends of vine as they begin to blossom, which will increase the yield. One ounce to 60 hills; 2 pounds to acre.

5 lbs. and over, 5 cts. per lb. less.

D. & B.'S HANOVER GEM—Larger, more uniform in size and shape than the Netted Gem, of unsurpassed quality and being very solid, is a good market and shipping variety. This melon has brought the highest market prices on the Richmond markets for several seasons. Pkt., 10 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.00.

D. & B.'S RICHMOND MARKET—This is one of our most valuable introductions. It is unquestionably the best Cantaloupe for the market gardener and home use. It is very prolific, has thick flesh and small seed cavity, and of rich, nutty flavor. It is of medium size and a good shipping melon. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., \$1.00.

KNIGHT—About a week earlier than the Rocky Ford; of uniform size, has thick, green flesh, of splendid flavor and appearance. A favorite market variety. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 40 cts.; lb., \$1.25.



PERFECTION

the most popular orange-colored flesh melons.

D. & B.'S SELECTED OVAL NETTED GEM—A larger and improved strain of the well-known Netted Gem variety; of most excellent flavor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 80 cts.

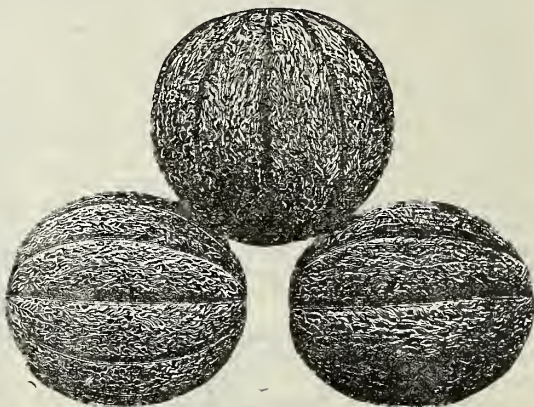
GENUINE ROCKY FORD NETTED GEM—Small, nearly round; thickly netted; nutmeg shape. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.



D. & B.'S NETTED GEM $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

EXTRA EARLY HANOVER—Earliest known variety. Green flesh; yellow skin; medium size; flattened at end. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

EXTRA EARLY HACKENSACK—Like large Hackensack, but ten days earlier; roughly netted; thick flesh; good flavor. Pkt., 5 cts.; oz., 10 cts.;



D. & B.'S HANOVER GEM

ROBINSON'S DELICIOUS GOLD LINED ROCKY FORD—This strain of the Eden Gem type is the result of several years selection by one of the most progressive farmers of Rocky Ford, Colo. Its shape is ideal, very slightly oval, no ribs and it is heavily netted over the entire melon. The bloom button is small and flesh as thick at the end as elsewhere. The melon is thick-meated, fine grained and sweet; color green, with a gold margin next to the seed cavity.

Our claim for this melon is its uniform shape, size and very superior quality. Its flesh is attractive and elicits favorable comment when served. Every seed we offer from this strain is saved from a select melon and hand-seeded. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 35 cts.; lb., \$1.00.

EMERALD GEM—A salmon-fleshed, extra early variety, green skin, slightly netted, very thick, and ripens close to the rind; globular shape. A good melon for family use. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 75 cts.

PERFECTION—Large, oblong, green flesh; yellow skin, thickly netted, good quality. We consider this the best large sized Cantaloupe. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

TIP TOP—A large, slightly oval melon with orange-colored flesh, which is thick and firm, which makes it a good shipping and market variety. The flesh is sweet and of good quality, and it is one of

Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.



EXTRA EARLY HANOVER

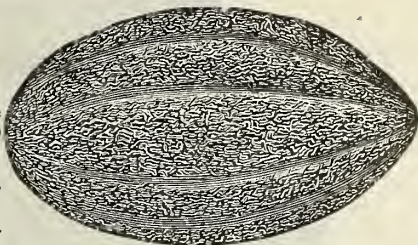
CANTALOUPE—Continued.

■ **LARGE HACKENSACK**—Large, good quality; very popular; Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

PROLIFIC NUTMEG—An early variety of medium to a small size; nutmeg in shape and thickly netted; very productive and of first-class quality. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

BANANA—Long, shaped like a banana; delicious odor. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

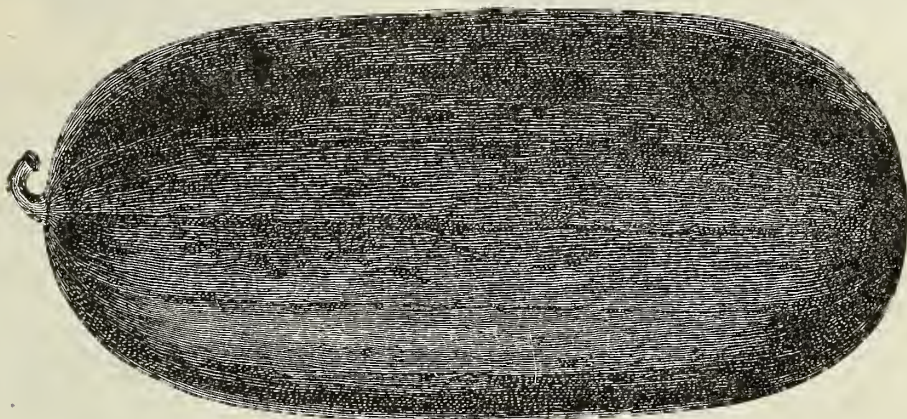
MIXED CANTALOUPE—As we have frequent calls for Cantaloupe Seed mixed, we offer a mixture of the leading varieties at: pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.



D. & B.'S RICHMOND MARKET

Watermelons

Plant in spring, after danger of frost; for late crop may be planted as late as June 1st. Cultivate like cantaloupe, except place hills 8 or 9 feet apart. One ounce of seed to 30 hills; 2 pounds to the acre. 5 lbs. and over at 5 cts. per lb. less than single lb. price.



TOM WATSON WATERMELON

TOM WATSON—An early, long, green melon; thin, but tough rind, which makes it the best market and shipping variety. Flesh is a bright red, firm, and very sweet; has taken the lead over all other shipping melons and sells for the highest prices in the Northern markets. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

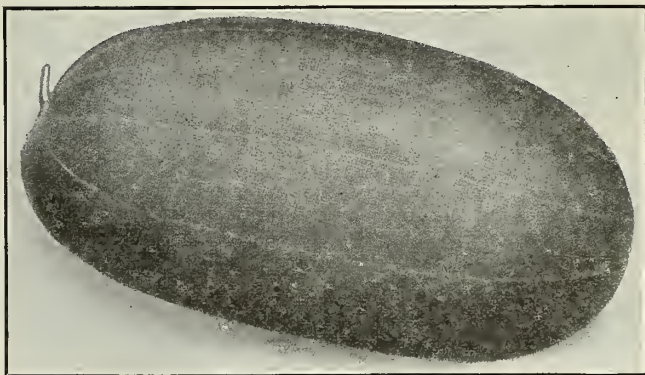
KLECKLY SWEET, OR MONTE CRISTO—Early, oblong, unsurpassed for home use or near market, but does not bear shipping well. One of the most salable melons on the Richmond market. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

EARLY DARK ICING—The melons are medium size, nearly round, dark green rind, thin and brittle. As an early melon for family or nearby market it has no equal. The quality is unsurpassed. For many years this variety has been the first melon offered on the Richmond market. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

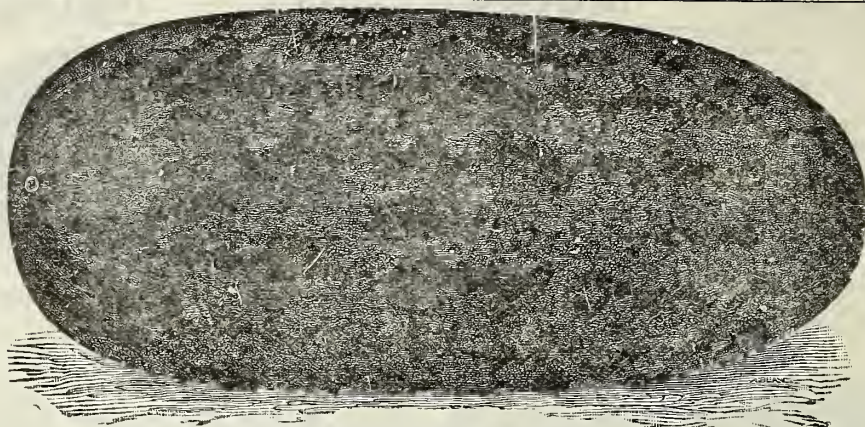
HALBERT HONEY—This melon is similar, but an improvement over the Kleckly Sweets in that it is larger, hardier, more productive and prettier in shape and color. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.

THE JACKSON—Although a very old variety, it is still very popular in many sections. It is early, long, pale green, very tender, crimson flesh, which is unusually sweet. A splendid variety for home use, but will not stand shipping. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.; lb., 80 cts.

FLORIDA FAVORITE—An old but popular, dark, long-striped, early melon of excellent quality. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.



KLECKLY SWEET WATERMELON



FLORIDA FAVORITE WATERMELON

MIXED WATERMELONS—As we have frequent calls for Melon Seed mixed, we offer a mixture of the leading varieties. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts.

Vegetable Plants

Plants can rarely be shipped the day order is received, as we have to get them in from the gardens. We never ship plants the last of the week unless especially requested to do so, as they would probably lay over in the express office through Sunday. Do not order plants shipped by freight, and do not order them sent by mail if it can be avoided. Express is much quicker, safer and more satisfactory. Plants sent by mail are at purchaser's risk. No charge for packing. Should we be sold out of the varieties ordered, we will send a similar variety instead.

TOMATO PLANTS—Ready in May, June and July. Varieties: Livingston's Beauty, Bonny Best, Ponderosa, New Stone, Brimmer, Yellow Pear-Shaped. Per doz., 15 cts., postpaid; per 100, 50 cts., postpaid; by express, 40 cts. per 100; \$3.50 per 1,000. Transplanted plants, same varieties, 25 cts. doz.; \$1.10 per 100, postpaid.

CABBAGE PLANTS—Early varieties ready in March, April, May and November. Varieties: Early Wakefield and Henderson's Succession. Price up to May 1st, 45 cts. per 100, postpaid; by express, 30 cts. per 100; \$2.50 per 1,000. After May 1st, 40 cts. per 100, postpaid; \$2.00 per 1,000. Late varieties: Late Flat Dutch, Autumn King, Drum-head, Savoy. Ready June, July and August, 40 cts. per 100, postpaid; by express, 30 cts. per 100; \$2.00 per 1,000.

LETTUCE PLANTS—Ready March, April, May, October and November. Varieties: Early White Cabbage and Big Boston. Price, 40 cts. per 100, postpaid; by express, 25 cts. per 100; \$2.00 per 1,000.

EGG PLANTS—Black Beauty. Ready May and June. Price, 40 cts. per doz., postpaid; by express, 25 cts. per doz.; \$1.00 per 100. Transplanted Plants: 45 cts. per doz., postpaid; by express, 30 cts. per doz.; \$1.25 per 100.

PEPPER PLANTS—Ready May and June. Varieties: Ruby King, Long Red Cayenne. Price, 20 cts. per doz., 90 cts. per 100, postpaid; by express, 15 cts. per doz.; 75 cts. per 100. Transplanted Plants: 35 cts. per doz., postpaid; by express, 25 cts. per doz., \$1.00 per 100.

CELERY PLANTS—Varieties: Winter Queen, Giant Pascal, White Plume. Ready July and August. Price, 50 cts. per 100, postpaid; by express, 40 cts. per 100; \$3.50 per 1,000.

SWEET POTATO PLANTS—Ready May and June. Varieties: Hanover White Yam, Hanover Yellow. Price, 40 cts. per 100, postpaid; by express, 25 cts. per 100; \$2.00 per 1,000; 5,000 and over, at \$1.75 per 1,000.

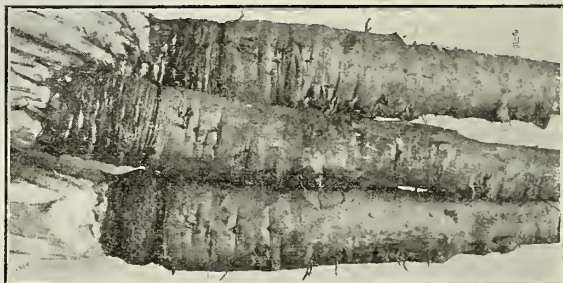
Rhubarb Roots

Set out in the early spring or fall in deep, well-worked soil, 4 feet apart each way. Mulch freely with manure or coarse litter. It is best not to use the stalks the first year; but after the first year they may be used freely and will last for years. A dozen roots will be ample for a large family. 10 cts. each; per doz., \$1.00 (mailing weight, 8 lbs. to the dozen); per 100, \$5.00.

RHUBARB SEED—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Salsify or Oyster Plant

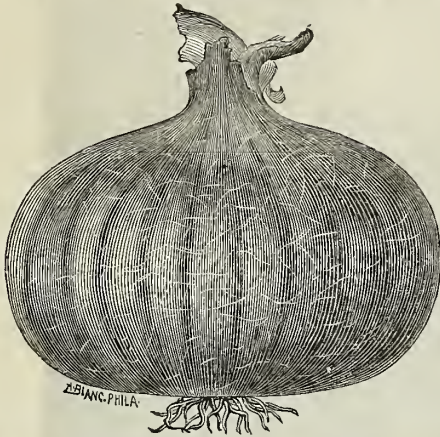
MAMMOTH SANDWICH ISLAND SALSIFY OR OYSTER PLANT—The largest and best variety. Sow in March or April in 18-inch drills. Thin to 6 inches apart. Soil must be deep, light, rich and fine. One ounce to 50 feet; 8 pounds to the acre. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.



SANDWICH ISLAND SALSIFY

Onion Seed

Sow in January or February in hotbeds or later in the open. Transplant to 12-inch rows, 5 inches apart, in very rich soil and cultivate well. Sow six pounds seed to the acre. For sets, sow 20 to 40 pounds to acre in broad rows. Dig and dry when tops die. Use only smaller ones for sets.



PRIZE TAKER OR SPANISH KING

EXTRA EARLY WHITE PEARL—Large, pearly white, tender, mild; excellent flavor; grows quickly; white skin. The best variety for fall setting to make early spring onions. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.00.

PRIZE TAKER OR SPANISH KING—Very large and solid; skin rich yellow; flesh pure white; sweet, mild, tender. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.00.

MAMMOTH SILVER KING—The largest variety in cultivation; skin silvery; flesh pure white; very mild and early. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.00.

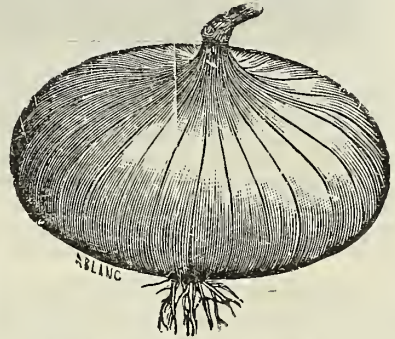
SILVER SKIN—Pure white; mild flavor; best for growing sets. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.25.

LARGE RED WETHERSFIELD—Medium early; skin purplish red; flesh purplish white. A general favorite. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

YELLOW GLOBE DANVERS—Globe shaped; large; keeps well; the standard for main crop. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

SOUTHPORT YELLOW GLOBE—A large globe-shaped onion; good producer and keeps well. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.

YELLOW STRASBURG—A very popular long-keeping yellow onion. Bulbs are quite flat and of good size; skin darker yellow than the Danvers; white flesh, mild flavor; used largely for growing sets. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.75.



EXTRA EARLY WHITE PEARL



ONION SETS

Onion Sets

Plant 4 to 6 inches apart in 12 to 24-inch rows (except Potato Onions, which should be in 2-foot rows). Plant in spring or fall in fine, rich soil, well manured.

SILVER SKIN—Qt., 20 cts.; by mail, 30 cts.; pk., \$1.00; bu. price on request.

YELLOW DANVERS—Qt., 20 cts.; by mail, 30 cts.; pk., 90 cts.; bu., price on request.

Parsnip

IMPROVED SUGAR OR HOLLOW CROWN—The standard; smooth, tender; good flavor. Sow in spring in 18-inch drills, in rich deep, sandy loam. Thin out to 5 inches apart. One ounce to 200-foot drillt 5 pounds to the acre. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.



IMPROVED SUGAR PARSNIP

Garden or English Peas



CULTIVATING A CROP OF D. & B.'S SELECTED EXTRA EARLY PEAS

Packets of Peas put up to sell at 5 cents, postpaid, contain too small a quantity. We therefore put up liberal sized packets at 10 cents, postpaid, preferring to please rather than disappoint. If larger quantities are ordered sent by mail, add postage—1 pint, mailing weight 1 pound; 1 quart, mailing weight 2 pounds.

CULTURE—Plant very early in spring, in 3-foot rows, in light, rich, loamy soil. Cultivate well. For succession plant later every few weeks through the season. Sow one and a half bushels to the acre.

D. & B.'S SELECTED EXTRA EARLY—This is the earliest pea on our list. Many of our customers who grow for market say it is the best early pea they have ever grown. It is very productive; grows to a height of 2 feet. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.20; bu., \$4.50.

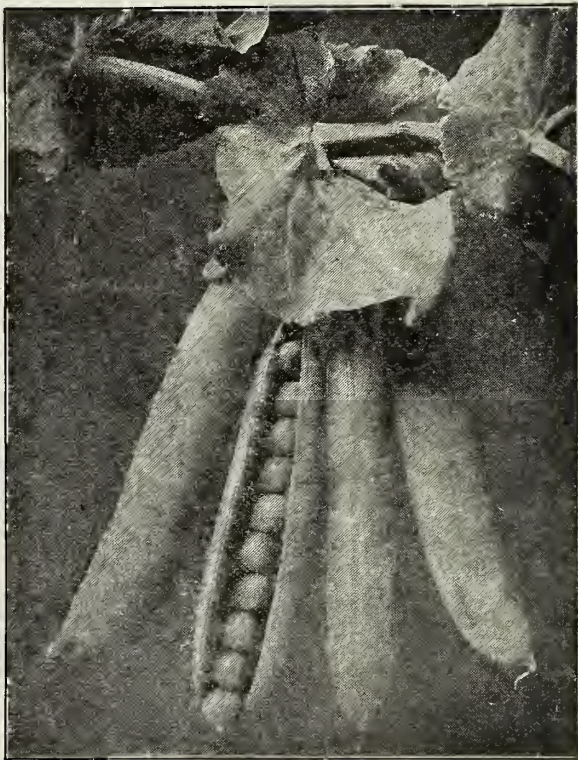
PROLIFIC EARLY MARKET—A very large and unusually prolific variety maturing directly after the Extra Early sorts, and before the large wrinkled varieties come in. Height 2½ feet. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.20; bu., \$4.50.

D. & B.'S FIRST AND BEST—This stock is grown especially for us by one of the largest and most careful pea growers in this country. It is an Extra Early, large podded pea; height 2½ feet. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.10; bu., \$4.25.

ALASKA—One of the best extra early peas and becoming more popular yearly; very productive and salable. Particularly popular for canning on account of its pale green color. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.20; bu., \$4.50.

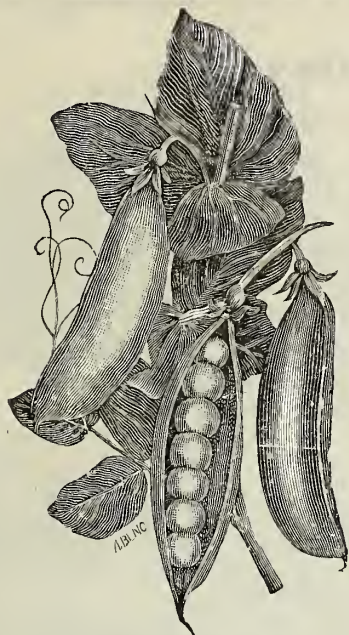
PERFECTION OR IMPROVED ALASKA—A few days earlier, darker in color and more prolific and a general improvement over the Alaska. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.20; bu., \$4.50.

AMEER OR LARGE PODDED ALASKA—A large and prolific strain of the well-known Alaska Pea. The size and color of the peas and pod make a very desirable market variety. Is very hardy and prolific. Much in demand with market gardeners, height 2 feet.



AMEER OR LARGE PODDED ALASKA

Pkt., 10 cts.; qt., 25 cts.; pk., \$1.25; bu., \$4.75.



DAY'S SUNRISE PEAS

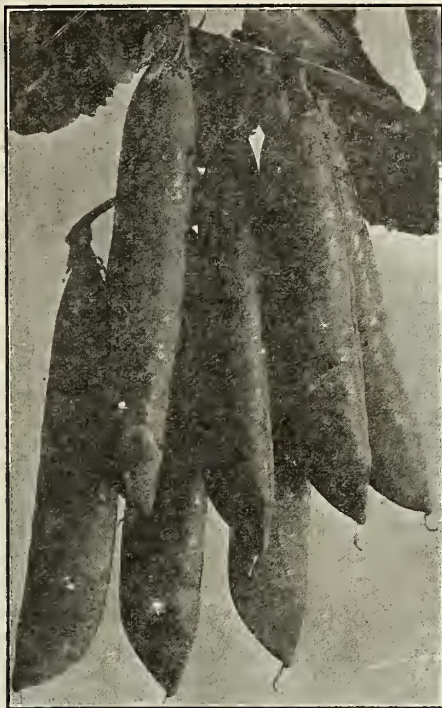
DAY'S SUNRISE—This pea is a half wrinkled variety. Maturing directly after the Extra Early sorts and before the large wrinkled varieties come in. Very productive, hardy and has large, well-filled pods; height, 2 to 3 feet. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.10; bu., \$4.25.

LARGE WHITE MARROWFAT—Strong, hardy; late variety, with broad, thick pods; good quality; height, 4 feet; abundant bearer. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.10; bu., \$3.90.

WRINKLED VARIETIES

ECLIPSE—The earliest and hardiest wrinkled variety, and as it is much better quality than the Extra Early Smooth Peas, make it about the best Early Pea for family use; has stout vines about 2 feet high and very prolific. Pkt., 10 cts.; qt., 20 cts.; pk., \$1.50.

GRADUS OR PROSPERITY—This is the largest early wrinkled pea, the vine has heavy stems and grows about 3 feet high. The peas are of excellent flavor and remain tender and sweet for some time after they are large enough for use. The best second early variety for family use. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.50; bu., \$5.75.



D. & B.'S IMPROVED GREEN TELEPHONE

HORSEFORD'S MARKET GARDEN—A very prolific second early pea, large pods, vines strong and healthy, growing about 2 feet high, and requires no stakes. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.25; bu., \$4.50.

PREMIUM GEM—A favorite early dwarf pea; bears well; good quality. Height 18 inches. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.50; bu., \$5.50.

BLISS EVERBEARING—A good variety, that continues in bearing a long time. A general favorite. Height 3 feet. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.25; bu., \$4.60.

D. & B.'S IMPROVED DARK GREEN TELEPHONE—Productive, sugary; pods contain 6 or 7 peas; late; height 4 feet. One of the most popular sorts for main crop. Pkt., 10 cts.; qt., 30 cts.; pk., \$1.50; bu., \$5.25.

Pepper

Sow in hotbed in February or March. Transplant in May to 3-foot rows, 15 inches apart.

CHINESE GIANT—This is the largest and finest mild red pepper, being double the size of the Ruby King. It is very productive; plants are vigorous in growth, of stocky habit, about two feet high. Well branched and thickly set with fruit, which hangs in clusters. The flesh is extremely mild, as sweet as an apple and very thick. Pkt., 10 cts.; oz., 35 cts.; ¼ lb., \$1.25.

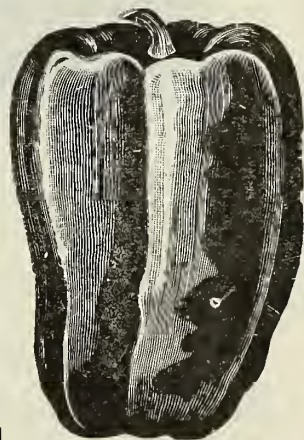
RUBY GIANT—An improvement over the Ruby King, being much larger. Pkt., 5 cts.; oz., 30 cts.; ¼ lb., \$1.00.

RUBY KING—Bright, ruby red; very mild and pleasant and can be used as salad. Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

LONG RED CAYENNE—Long, bright red pods; hot; the most popular for seasoning. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 65 cts.

PEPPER PLANTS—See page 20.

If Peas are wanted by mail, add postage—1 pint, mailing weight, 1 pound; 1 quart, mailing weight, 2 pounds.



CHINESE GIANT PEPPER

Irish Potatoes

GENUINE MAINE GROWN SEED.

Selected Seed Irish Potatoes is one of our leading specialties, and we have the most reliable and experienced Potato Growers in Maine to grow our Seed Stock especially for us under their personal supervision. These are grown especially for Seed purposes. Are the best to be obtained, and are far superior to so-called Seed Potatoes offered by many commission merchants and produce dealers at lower prices. We have received many flattering testimonials from our customers who have been planting our Seed Potatoes for years, and the demand for them is increasing enormously.

As a long list of varieties (many of which have no special merit) is often confusing to our customers, we have selected only the varieties which are best adapted to the South and give the best and most satisfactory results.

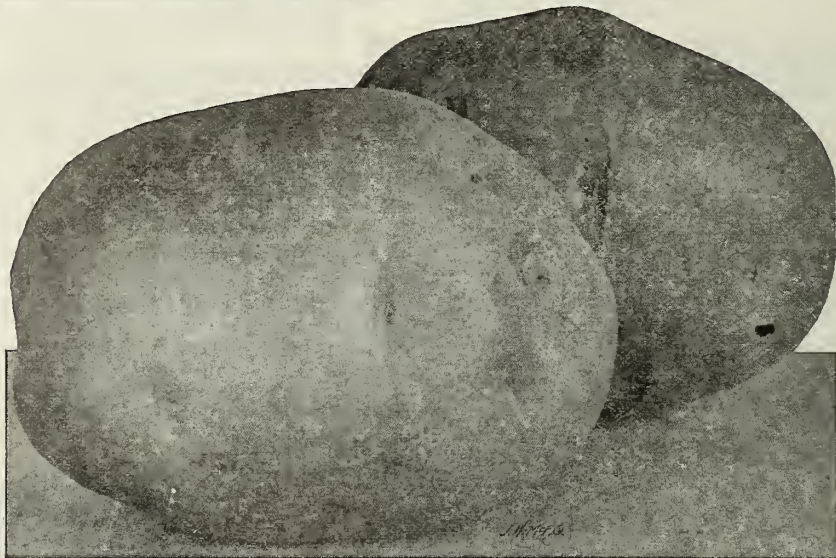
The price of Potatoes is constantly fluctuating and the prices quoted here are the ruling prices for January 10, 1916, and are not binding; but we will be glad to quote firm price at any time on request.

Owing to the high cost of barrels we quote these Potatoes in heavy 11-peck barrel size sacks.

CULTURE—Irish Potatoes should be planted in the spring, as early as the ground can be prepared, in rich soil; rows 3 feet apart, plants 15 inches apart in row. Manure should be well rotted and mixed with soil to avoid scab. For late crops plant from June to August. We advise the use of sulphur on potatoes when planting. Sprinkle powdered sulphur on the cut tubers, which is a preventive of blight and scab. Many of our largest potato planters always use it, with the best results. One lb. is sufficient for one bushel of potatoes. We can supply this at 8 cts. per lb. Ten lbs. or over at 5 cts. per lb. Barrel prices on application.

D. & B.'S EXTRA EARLY EUREKA.

This extra early variety is similar in shape and size to the Irish Cobbler, but is much smoother and of far better quality. The firm, white flesh is of good flavor when cooked, the skin is of snowy whiteness, and the vines resist drought remarkably well. As a first early potato it is considered by many far better than Irish Cobbler. Potato planters who have grown these potatoes speak of them in the highest praise as a money-maker. Maine grown seed. Pk., 60 cts.; bu., \$1.75; 11-pk. sack, \$4.75.



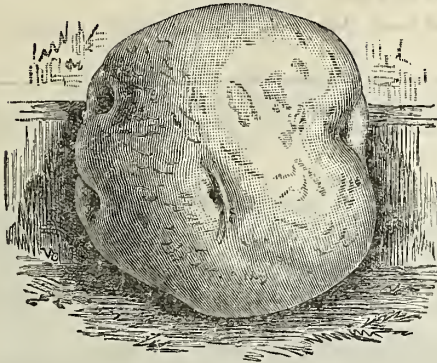
D. & B.'S EXTRA EARLY EUREKA

Nelson County, Va., July 16, 1915.
I want a word with you about your Eureka Potatoes shipped me this spring. I found it a surprisingly fine variety. It is early, prolific, of good quality, and has remarkably strong and healthy vines.
Yours truly, W. L. JONES.

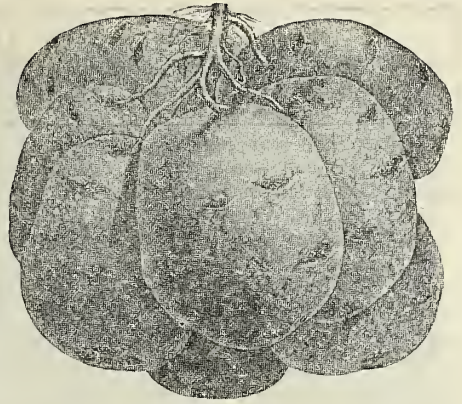
Fluvanna County, Va., April 7, 1915.
I enclose check in payment for your Seeds. Your Potatoes were the nicest I have ever planted. I will send you a nice order later.
Respectfully, MRS. AUBREY RICHARDSON.

Hanover County, Va., May 1, 1915.
Your shipment of Potatoes came all right and I was very much pleased with them.
Yours truly, MRS. S. H. BUCHANAN.

Warwick County, Va., March 18, 1915.
Please ship me eight sacks more of your Irish Cobbler Potatoes. The twenty sacks you sent to me were very nice.
Yours truly, JAS. T. GARROW.



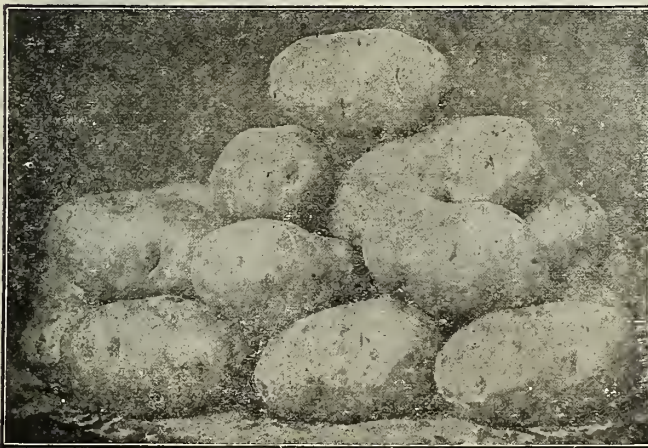
IRISH COBBLER



THE SNOW



GREEN MOUNTAIN



HOULTON EARLY ROSE

IRISH COBBLER—This is the most popular variety for market gardeners and truckers. It is one of the earliest, and very productive, nearly all of the tubers growing to a large size. Maine grown, pk., 50 cts.; bu., \$1.65; 11 pk. sack, \$4.60.

HOULTON EARLY ROSE—The old reliable, well-known and popular variety. Our stock of this potato is absolutely true to name, and should not be compared with the cheap Western grown stock. Maine grown. Pk., 50 cts.; bu., \$1.65; per 11 pk. sack, \$4.50.

EARLY WHITE ROSE—A beautiful large White Potato, similar in shape to the old Early Rose, but is pure white. An excellent yielder and of splendid quality. Maine grown. Pk., 60 cts.; bu., \$1.75; pk. sack, \$5.00.

GREEN MOUNTAIN—A large, handsome, pure white potato, for main or late crop; a prolific yielder and invariably of fine eating quality, cooking dry and mealy. It has largely superseded other varieties for late planting. Is also one of the best varieties for main crop, maturing about 2 weeks later than the Irish Cobbler. We will have a nice stock of this variety on cold storage for planting in July. Present price. Maine grown. Pk., 50 cts.; bu., \$1.65; per 11 pk. sack, \$4.50.

THE SNOW—This main crop potato originated in Maine, and after repeated trials in various sections of the country has proved itself to be of great value on account of its immense yield, together with the fact that it invariably produces very few small potatoes. In shape, it is roundish, slightly flattened eyes on the surface; the skin is well netted. It has no superior as a baking potato. The Snow is just what the markets desire and will bring fancy prices. Maine grown. Pk., 60 cts.; bu., \$1.75; 11 pk. sack, \$5.00.

The Snow Potatoes I bought of you last July did much better with me than the home grown Green Mountains in every respect.

King William County, Va., June 10, 1915.

Very respectfully yours,

JOHN V. FARRANT.

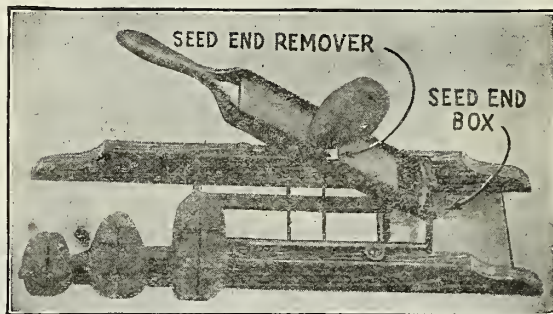
COLD STORAGE POTATOES.

We will have a nice stock of different varieties of Seed Potatoes, kept on cold storage for late planting. Write for prices in June or July.

IMPROVED WHITE PEACH BLOW—One of the old standard and popular varieties; very productive, of good quality and a splendid keeper. Recommended only for late planting. Virginia grown. Write for prices in June or July.

Gem Seed Potato Cutter

The construction of this Potato Cutter is very simple and is built for accuracy as well as convenience. It is strong and durable. The knives are of good quality steel and are fitted to grooves in the frame, making them easy to remove if necessary. It will cut any size potato in pieces, thereby assuring more accurate planting when power planting is used. From 6 to 8 bushels can be cut by it in an hour. The time and labor saved will more than pay for it the first time it is used, and it will fill a long felt want with potato growers. Pamphlet free on request. Price, \$2.25. Mailing weight, 8 lbs.



Seed Sweet Potatoes

CULTURE—Plant in hotbeds in April. Water freely. Transplant in May and June 3-foot rows 15 inches apart.

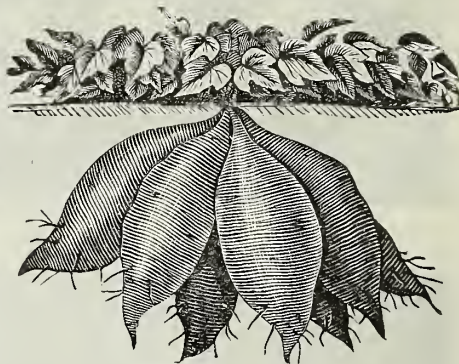
We make a specialty of seed sweet potatoes, getting them in fresh from Hanover County every day; and handling them in large quantities as we do, we are enabled to offer them at especially close prices. But prices fluctuate very much, frequently from day to day. Write us for prices when ready to plant.

Seed Sweet Potatoes are very perishable and will not keep very long after being taken out of the kilns, especially in damp or rainy weather. For this reason we cannot carry them in stock, but get them in fresh from the kilns every day, and make shipments the day we get them in. We ship only good fresh, sound potatoes, in firm condition, but we cannot guarantee safe arrival of anything so perishable, though we are very careful in packing and shipping them while fresh, but under no circumstances will we be responsible for Potatoes which may be in bad condition when received, and only under these conditions will orders for Sweet Potatoes be accepted by us.

HANOVER YELLOW—The leading Yellow Potato raised in Hanover County, which is noted for its excellent Sweet Potatoes. It has a rich yellow color, grows to a large size, is unusually productive and the quality is unsurpassed. Pk., 50 cts.; bu., about \$1.25; bbl., price quoted on request.

HANOVER WHITE YAM—This is the well-known White Sweet Potato. It grows to a larger size than the Yellow Potatoes, and is much sweeter. This is the best variety to grow on heavy soils. Pk., 50 cts.; bu., about \$1.25; bbl., price quoted on request.

SWEET POTATO PLANTS. See page 20.



SWEET POTATOES

I received my shipment of Seed all right, and was very much pleased with them. Cayuga County, N. Y., March 29, 1915.

Yours truly,

THOMAS B. FREEMAN.

It always gives me pleasure to order goods from you who will my orders and send goods promptly, so please send me the following by express. Anson County, N. C., March 28, 1915.

Yours truly,

J. K. GOODALE.

The Garden Seed that I bought from you this spring have come up nicely. Louisa County, Va., April 26, 1915.

Yours truly,

MRS. FRANK WOOLFOLK.

I was delighted with the shipment of Garden Seed you recently sent me. Moore County, N. C., April 12, 1915.

Yours truly,

SANDY TYSON.

Many thanks for your promptness in filling my order. When in need of anything else in your line will take pleasure in giving you my orders. Orange County, Va., April 26, 1915.

Respectfully,

ASHBY WADDY.

Spinach

For summer use, sow early in fertile soil in 18-inch drills. Sow in September and October for winter and spring use. One ounce to 100 feet of drill; 20 pounds to the acre.

NORFOLK SAVOY OR BLOOMSDALE—Good for fall sowing; very early; hardy; leaves curled. Oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 30 cts.; 5 lbs. and over, at 25 cts.

LONG STANDING—Leaves thick and fleshy; does not run to seed quickly. Oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 30 cts.; 5 lbs. and over, at 25 cts.

ROUND THICK LEAVED—Best variety for summer; leaves thick; dark green; good quality. Oz., 5 cts.; $\frac{1}{4}$ lb., 10 cts.; lb., 30 cts.; 5 lbs. and over, at 25 cts.



NORFOLK SAVOY OR BLOOMSDALE SPINACH

Squash or Cymling

Plant in hills in warm, fine, rich, fertilized soil. Grow 3 plants to the hill. Plant bush varieties 5 feet apart; running varieties, 8 feet. About 3 pounds to the acre.

D. & B.'S EARLY WHITE BUSH—Early; cream color; very prolific; nice size; good shipper; the most popular variety. Oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

MAMMOTH WHITE BUSH—Larger and more uniform than Early White Bush, but later; waxy white color. Oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

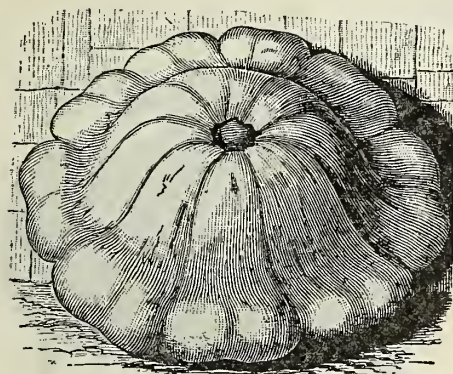
EVERBEARING—A large white squash, similar in appearance to the White Bush, but not as early.

It is a running squash, very productive and as its name indicates, will continue bearing all summer if the squashes are kept picked off. Good table variety, also good for stock feeding. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

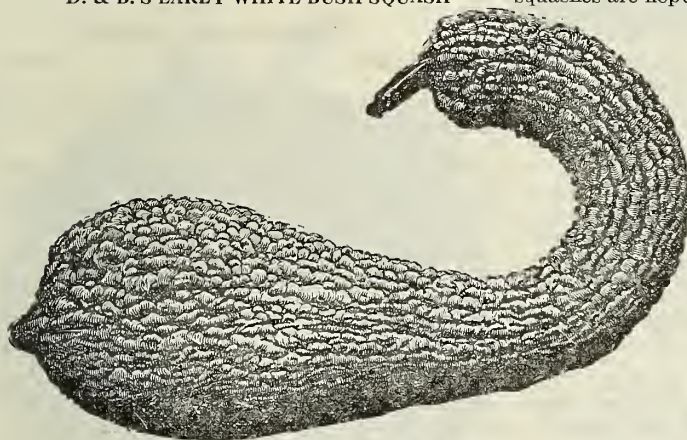
GIANT SUMMER CROOK-NECK—Bush, very prolific; profusely warted; bright yellow squash of good flavor. Oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

HUBBARD SQUASH—A running winter squash of first-class quality and a splendid keeper. Oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

BOSTON MARROW—Oval; flesh orange color; fine grained; cooks rich and dry; keeps well. Running variety. One of the best for winter. Oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.



D. & B.'S EARLY WHITE BUSH SQUASH



SUMMER CROOKNECK

The Seed you sent me was received on yesterday, and am very well pleased with them, and thank you very much.
Please send me the following.

Hanover County, Va., April 14, 1915.

Yours truly,

W. C. SHELTON.

We have been getting splendid results from your Seeds for several years.

Yours truly,

Southampton County, Va., September 27, 1915.

W. E. BEALE,
Secretary Farmers Union.

Mecklenburg County, Va., June 10, 1915.

MRS. ROSA F. PETTY.

Very respectfully,

Pumpkin

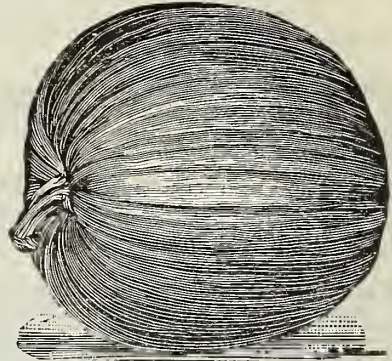
Plant in May and June in rich hills 8 feet apart. When vigorous, thin to three plants to the hill. May be planted in corn. One ounce to twenty hills; three pounds to the acre.

VIRGINIA MAMMOTH—Rich, golden color; keeps well; very large, often taking prizes for largest pumpkin, and will keep for several months. Pkt., 5 cts.; oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

SMALL SUGAR—A small but prolific variety of yellowish, red color; used mostly for table purposes. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

GOLDEN CUSHAW—Very productive, good for table and stock feeding. Oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

LARGE CHEESE, OR KENTUCKY FIELD—A large, flatish variety of good quality. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.



VIRGINIA MAMMOTH PUMPKIN

CORNFIELD, OR BIG TOM—The old standard for table and stock. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 30 cts.; 5 lbs. and over, at 25 cts. lb.

Radish



D. & B.'S EARLY WHITE TIPPED FORCING

CULTURE—Sow in drills very early in the spring, and later for a succession at intervals of ten days. Must have very rich soil, plenty of moisture, light and ventilation to insure quick, rapid growth. For very early, sow in hotbeds. One ounce to 50 feet of drill; 10 pounds to the acre.

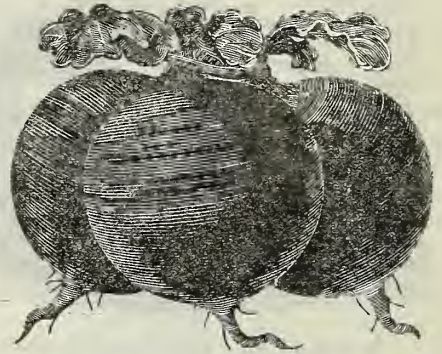
D. & B.'S WHITE TIPPED FORCING—This radish is extremely popular, both for gardeners and private use. The outer skin is bright crimson color with white tip. Our strain is superior to most stocks offered. Making a nice turnip shaped, clean root. On account of its small top it is largely used for forcing, and extremely satisfactory for earlier use out of doors. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

EARLY FORCING SCARLET GLOBE—The earliest radish and one of the best for forcing. Has a very small top, bright red color; a very beautiful variety. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

CRIMSON GIANT GLOBE—A large, early variety; foliage is small and can be planted close. Valuable for early market. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

EXTRA EARLY SCARLET OR RED TURNIP—Small, round, crisp, tender; tops small; grows very rapidly. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

EXTRA EARLY SCARLET OLIVE SHAPED—A quick-growing, crisp radish, oblong in shape, of excellent quality; a good variety for either market



CRIMSON GIANT RADISH

or home garden. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

EARLY WHITE TURNIP—An early white turnip-shaped radish. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

FRENCH BREAKFAST—A white-tipped, olive-shaped sort, and one of the earliest forcing varieties but should be used while young. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

GOLDEN GLOBE SUMMER—Very large, crisp and tender; stands hot weather, and may be planted late. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

LONG SCARLET, SHORT TOP—Long, bright scarlet; fine for forcing. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

WHITE STRASBURG—Large, long, solid; one of the best for summer use. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

ROSE CHINA WINTER—Rose colored; flesh white; cylindrical; one of the best winter Radishes. Oz., 8 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

LONG BLACK SPANISH—A large, long, black skin radish, with pure white flesh. A hardy fall and winter variety. Flesh is firm and keeps well. Oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.; lb., 75 cts.

MIXED TURNIP RADISHES—Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

MIXED LONG RADISHES—Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

Tomato

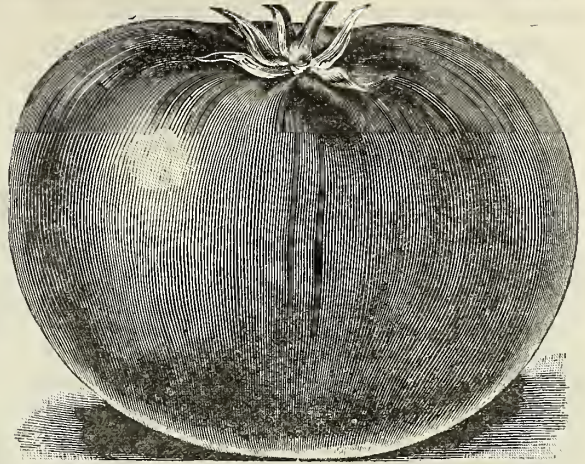
Sow in hotbeds in early spring and transplant when danger of frost is past. Set 3 to 4 feet apart. For very early fruit, grow in small pots under cover, thus placing in open without checking the growth.

JOHN BAER—An extra early large and smooth, solid bright red tomato. This is the earliest large, solid tomato known, and has proven a most profitable early market variety for the last two seasons. Pkt., 20 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

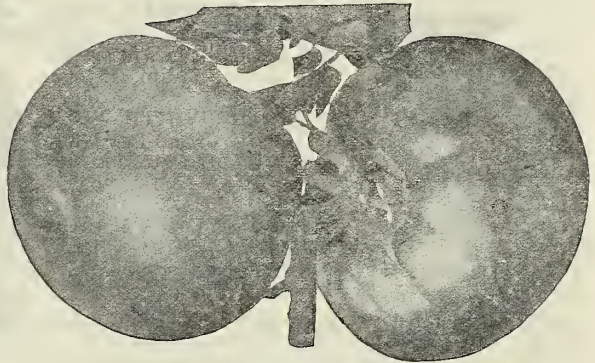
THE BRIMMER—This tomato is somewhat similar to the well-known Ponderosa, but is even larger than that variety. It has strong, healthy vines and is very productive. It is not an early variety, but its flesh is solid and meaty, and has very few seed. A splendid tomato for family use, but most too large to be a profitable market sort. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

JUNE PINK—An improvement on the Earliana. Is of a beautiful pink color. Very early. Of a good size, smooth and prolific. A profitable sort for market gardeners, but not as good for a main crop as some other varieties. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.00.

RED ROCK—A most desirable and profitable variety for truckers and canners. It is an immense yielder, smooth as an apple; very red, heavy and an excellent shipper. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 65 cts.; lb., \$2.00.



BONNY BEST



JUNE PINK TOMATO

TRUCKERS' FAVORITE—One of the best; large, solid, purple fruit; main crop tomatoes. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 85 cts.; lb., \$3.00.

SPARK'S EARLIANA—One of the earliest varieties; bright red and smooth; very productive. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 55 cts.; lb., \$1.75.

MATCHLESS—Fine for table, market and canning; large, solid, coreless; free from rot; one of the best for main crop. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.; lb., \$2.00.

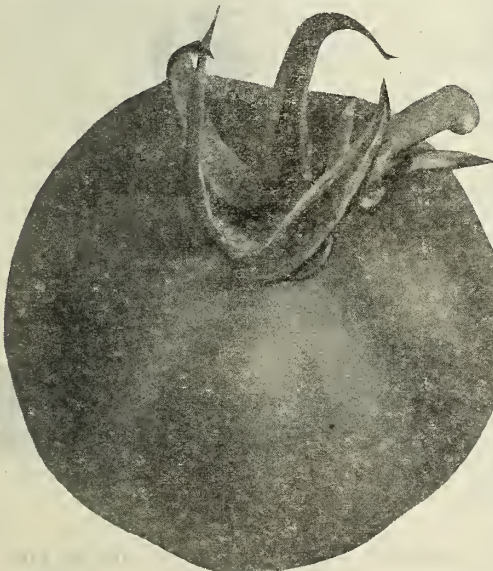
I. X. L.—One of the earliest varieties, is very smooth, of good size; bright red color, ripens uniformly. A money-maker as an early tomato. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

BONNY BEST—An extra early, large, smooth, bright red tomato, a heavy yielder; good market variety. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.; lb., \$2.40.

LIVINGSTON'S STONE—Large, bright scarlet; firm, uniform, hardy; an excellent shipper; one of the best for the late crop and canning purposes. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.50.

EARLY ACME—Smooth, solid; ripens uniformly; bears till frost; ships well; an old favorite. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 45 cts.; lb., \$1.40.

LIVINGSTON'S BEAUTY—Large, solid, smooth, purplish pink; an old favorite. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.; lb., \$1.60.



LIVINGSTON'S STONE

I am writing to you for Seeds, for I know I will get good Seeds. I have been using your Seeds for the past five years, and they are O. K.

Thanking you for past favors, and wishing you a successful year, I am,

Yours truly,

MRS. HENRY WARING.

TOMATOES—Continued.

PONDEROSA—A very large and handsome bright red tomato, and especially adapted to family use. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

YELLOW PEAR-SHAPED—Small; for preserves. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

YELLOW PLUM-SHAPED—Small; for preserves. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

TOMATO PLANTS—See page 20.



YELLOW PEAR TOMATO

Turnip

CULTURE—Sow Ruta Bagas from June to August in drills 3 feet apart; thin out to 6 inches. Sow turnips from July to October for turnips and salad; 1 to $1\frac{1}{2}$ pounds per acre in drills; $1\frac{1}{4}$ to 2 pounds broadcast. For salad 3 to 4 pounds broadcast. Can be sown in spring for summer use. 5 pounds and over, 5 cts. per pound less than single pound prices.

IMPROVED AMERICAN RED TOP WHITE GLOBE—The most popular turnip for market and table use. Our stock of this turnip cannot be surpassed; many turnips were produced from our stock weighing over 8 lbs. each. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

RED TOP WHITE GLOBE—(Imported). Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.



YELLOW ABERDEEN

LARGE WHITE NORFOLK—Popular for stock for market, and for salad. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

EARLY WHITE FLAT DUTCH (Strap-Leaved)—Pure white flat growing variety. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

POMPERANIAN WHITE GLOBE—A large,

white, globe-shaped variety for main crop. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

WHITE EGG—Oval; pure white; thin skin; grows rapidly. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

EXTRA EARLY PURPLE TOP MILAN—The earliest variety of turnip. Medium size, flat, with purple top. Valuable on account of its extreme earliness. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 60 cts.

LARGE YELLOW OR AMBER GLOBE—Reliable main crop variety for stock or market. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

YELLOW ABERDEEN—Splendid for stock. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

EARLY RED OR PURPLE TOP—(Strap-Leaved)—A desirable early variety for home or market. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

LONG WHITE COWHORN—A good variety for the table and stock feeding. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 45 cts.

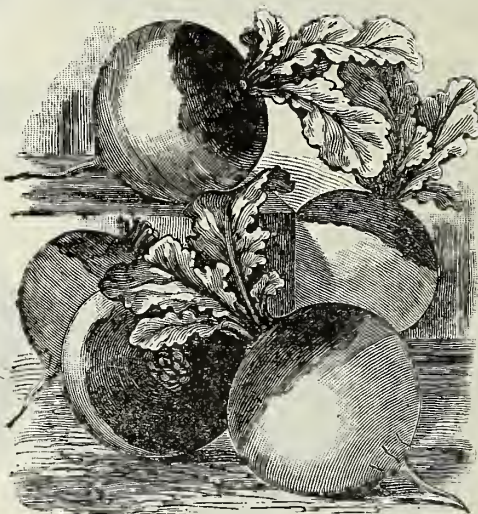
SOUTHERN PRIZE—Very hardy, stands cold; especially recommended for salad or stock. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

SEVEN TOP—For salad only, roots being of very little value; very hardy. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

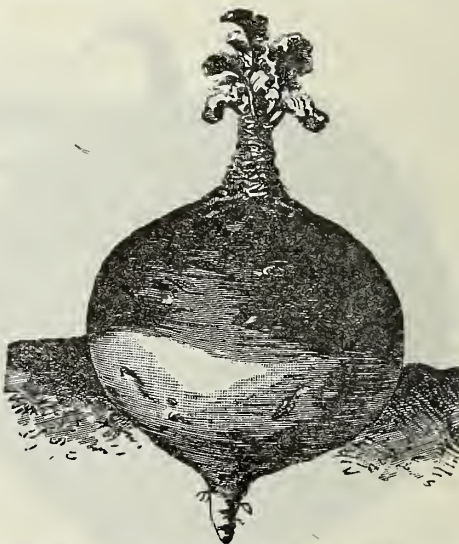
MIXED TURNIP SEED—As many of our customers prefer to sow turnips of several varieties together, we offer these in mixture of the best leading varieties. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.

IMPROVED AMERICAN PURPLE TOP YELLOW RUTA BAGA—The best variety for table and for stock feeding. Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 40 cts.

PURPLE TOP YELLOW RUTA BAGA—(Imported)—Oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 35 cts.



IMPROVED RED TOP WHITE GLOBE TURNIP



IMPROVED AMERICAN PURPLE TOP YELLOW RUTA BAGA



TOBACCO PLANT

Tobacco

Everyone of our Tobacco Seed are grown on farms which comprise nearly 2,000 acres of the best Tobacco land in the Tobacco Belt. They are grown under improved scientific methods by reliable men under the supervision of a Tobacco Grower of 47 years' experience. We offer no light, cheap Seed for sale, the Seed we offer are saved from only the topmost pods of the best plants, cleaned of all filth and imperfect Seeds and no pains nor expense is spared to give our customers the very best Tobacco Seed that can be had at any price.

Sow in February and March in a rich and perfectly clean plant bed, from which all seeds and insects have been destroyed by firing. Protect from flies and transplant about June to highly fertilized soil, $3\frac{1}{2}$ to 4 feet each way. Cultivate thoroughly and guard well against suckers and worms.

WARNE—A splendid variety for bright yellow wrappers. Grows to a larger size and holds itself up well. The leaf is large, of medium breadth and very fine grained. It is tough, silky and makes one of the best varieties grown if properly managed. Comparatively new, but already very popular. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

IMPROVED LONG LEAF GOOCH—In this variety we have our ideal Tobacco for Eastern North Carolina and South Carolina, and a portion of Georgia. It is an ideal variety for Sandy Soils, grows unusually large, produces large, broad leaf of No. 1 quality, cures well, brings a good price, and makes more pounds to the acre than most varieties. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

IMPROVED YELLOW ORONOKO—Developed by careful, continuous selection from the Old Standard Yellow Oronoko, which has been more extensively planted for the Yellow Type than any other. Its growth is large, but erect, its leaves are large but of the finest texture. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

BLUE PRYOR—The genuine James River favorite, in fact a general favorite wherever grown, and commands good prices. Rich shipper, and is superior to the Kentucky Blue Pryor. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

SWEET OR LITTLE ORONOKO—This is a very superior Oronoko Tobacco, the leaf is long, with a good breadth, has a small stem and very fine texture, used for first-class plug fillers and makes when sun-cured, the best natural chewing leaf, on account of its sweetness. It is a general favorite for the "Home-spun" wherever known, especially liked by some for its earliness and ability to stand upon the hill for some time without becoming over-ripe. In all respects an ideal manufacturing Tobacco. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

KENTUCKY YELLOW—An extra large and very superior variety which is extremely popular in the West. The leaf is unusually large, but of surprisingly fine texture when size is taken into consideration. Its products are well established upon the market and in great demand. Its large size, handsome shape, and excellent quality are certain to give it a yearly increase in popularity. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

BIG HAVANA—A hybrid Havana or Cuban seed-leaf. A heavy cropper of fine texture, delightful flavor and earliest cigar variety to mature and ripen. Will make two crops from one planting in the South, while its earliness makes it most desirable for high latitude. The best Americanized Havana. Pkt., 10 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 85 cts.

IMPROVED ONE SUCKER—Plants grow to medium large size, the leaf medium size, fine grained and of excellent quality. On light, gray soil this will make a good, bright tobacco, but is especially adapted to make a dark, heavy export tobacco. Long noted for its unusually small growth of suckers. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

BIG ORONOKO—The leaf is large, broad, of handsome appearance, cures well and possesses a great deal of weight and body. For strips and dark wrappers it has no superior. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

WHITE BURLEY—A large, broad leaf, light colored tobacco with thick, porous leaves; raised very extensively in Kentucky and is becoming a prime favorite in Virginia on account of its porous quality; is especially recommended for fillers. Pkt., 10 cts.; oz., 35 cts.; $\frac{1}{4}$ lb., 90 cts.

Rockingham County, N. C., April 10, 1915.

SOME WATERMELON.—I raised some of your Tom Watson Watermelons last year and think they are the best I ever raised. I sold some of them at \$1.00 each. Please send me the following order.

Yours truly,

W. N. WOODAL L.

Amelia County, Va., March 13, 1915.

A GOOD NAME IS BETTER THAN RICHES.—I purchased from you last season 40c worth of your Watermelon Seed and sold from my crop over \$50.00 worth of Melons, besides had enough for my own use. All the Seeds I have bought from you have certainly proven entirely satisfactory, and your firm stands very high in our community, and you have a good name among my neighbors.

Yours truly,

M. MURPHY.

Buckingham County, Va., February 26, 1915.

Your customer,

RICHARD W. HOSKIN.

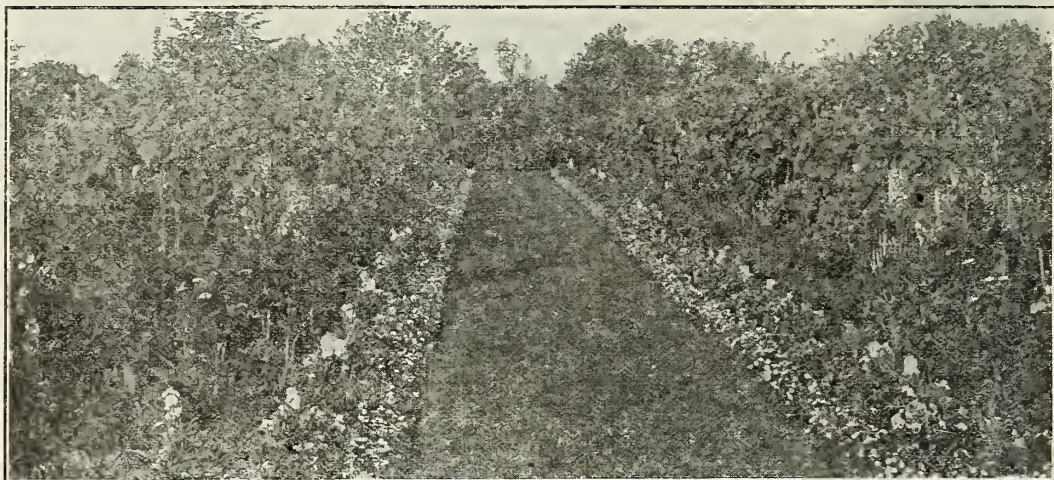
New Kent County, Va., February 16, 1915.

R. POWELL.

I prefer Diggs & Beadles Seed. I am

I was well pleased with the Seeds I got from you last year.

FLOWERS



We have endeavored to make our list of Flower Seeds as complete as possible by a judicious selection of the best sorts, so that our customers would not get bewildered among a labyrinth of varieties, many of which are of no special merit. Flower Seeds priced at 5 cents per packet are 6 packets for 25 cents; or 25 packets, your own selection, for \$1.00; 10-cent packets are 3 for 25 cents; or 13 for \$1.00, postpaid. The letter "A" after the name of the flower indicates that the flowers are annuals and blossom only the first year it is planted, and the seed should be planted each year. The letter "P" indicates that the variety is a Perennial and comes up and blossoms for several years after sowing. We do not index our different varieties of Flower Seed, but all varieties are arranged alphabetically and can therefore be easily found. For climbing vines and flowers see page 41.

ACROCLINIUM—Everlasting (A).

A very pretty, half hardy annual, producing white and rose-colored double daisy-like flowers, about $1\frac{1}{2}$ inches in diameter. These are the "Immortelles," so desirable for wreaths and winter bouquets. Height, 15 inches.

Mixed Colors—Pkt., 5 cts.; oz., 25 cts.

AGERATUM (A).

A beautiful hardy annual. The flowers are borne in dense clusters and are very useful for bouquets. The plants are very attractive in the garden, being covered with bloom nearly all summer.

Mixed Colors—Pkt., 5 cts.

ALYSSUM (A).

A hardy annual which begins to flower when very young, and is literally covered almost all the season with its sweet white flowers. It is especially adapted to borders or for rock work in the summer, and may be used effectively in window boxes for winter blooming.

Little Gem—This is the prettiest variety, being so dwarf and full of bloom that it has been aptly named "The Carpet of Snow." Four inches high. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., \$1.00.

Sweet—The old garden favorite familiar to all. Being of trailing habit, it is better than the Little Gem for rockeries or window boxes. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.



VICTORIA MIXED ASTERS.

AMARANTHUS (A).

These plants afford brilliant contrasts of color, being useful for tall borders and groups, also where foliage effects are desired. The leaves and stems are of different shades of red, blended with green; two to three feet high.

Caudatus (Love Lies Bleeding)—Light yellowish-green foliage; long, drooping, crimson flower spikes. Pkt., 5 cts.

Tricolor (Joseph's Coat)—A hardy annual with leaves of red, yellow and green; especially brilliant if grown in rather poor soil. Pkt., 5 cts.; oz., 30 cts.

ANTIRRHINUM—Snapdragon (A).

Well known, showy and useful border plants, producing flowers of a great variety of brilliant and handsome colors. Very effective in beds, succeeding in any good garden soil.

Mixed. Pkt., 5 cts.; oz., 25 cts.

ASTERS (A).

These well-known beautiful and popular annuals are very desirable for bedding, being in bloom when most other plants are over. Very useful for cut flowers and bouquets.

Victoria Mixed—Beautiful and popular annuals, desirable for beddings, being in bloom when most other plants are over. Very useful for cut flowers and baskets. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.



**DWARF CHRYSANTHEMUM
FLOWERED ASTERS**

Dwarf Chrysanthemum Flowered—One of the best Dwarf varieties. Of a great assortment of rich colors. Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.75.

German Quilled (China Aster)—The familiar double Aster with quilled petals. Exceedingly showy and excellent for cutting for vase decorations. The large, brilliant, daisy-like flowers with yellow centers are produced in profusion. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.40.

Comet Mixed—A carefully proportioned mixture of various colors. The petals of which are very long and recurved, having the effect of the finest Chrysanthemums. They are varied and beautiful colors and one of the most popular sorts.

Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

BALSAM—Touch-Me-Not (A).

Also known as "Lady Slipper." A tender annual with brittle stems and foliage. Grows about 12 inches high. Flowers both single and double, in bright colors and variations; are wax-like and very attractive. No flower is more easily cultivated, and it succeeds in most any good soil.

White—Pkt., 5 cts.

Double Mixed—Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 80 cts.

BACHELOR'S BUTTONS—Globe Amaranth (A).

A well-known and popular everlasting flower which forms bushy plants about 2 feet high and bearing sometimes hundreds of flowers. Excellent as border plants, and very useful for winter decorations. If cut when well matured will retain their beauty throughout the winter.

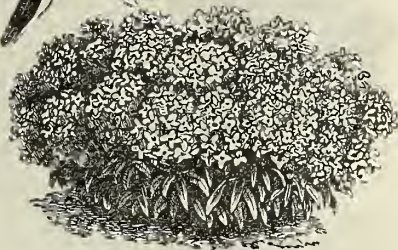
Mixed—Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.

BEGONIA (P).

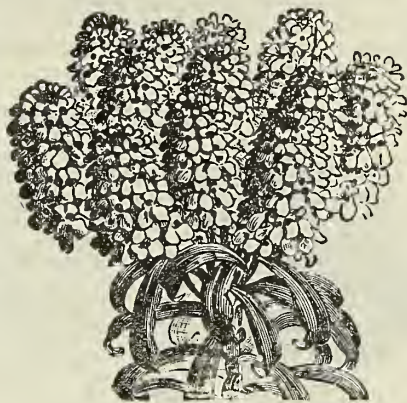
Finest Mixed Varieties—Beautiful plants for summer bedding, bearing beautiful waxy flowers through the entire summer. Our mixture contains a great variety of colors, both in flowers and foliage. Pkt., 10 cts.

CALENDULA—Pot Marigold (A).

Very hardy annual, one foot high. Has showy flowers blooming until frost and producing a fine effect in borders. It is of easy culture and is desirable for rather inferior soils, where less sturdy flowers do not thrive. **Mixed Varieties**—Pkt., 5 cts.; oz., 15 cts.



SWEET ALYSSUM



CANDYTUFT



MIXED BALSAM



BACHELOR BUTTONS

CARNATIONS (P).

These well-known flowers are easily grown from seed, and very free blooming, the flowers being bright-colored and with a most delicious clove-like fragrance. Excellent bloomers in the garden or for winter flowering.

Marguerite—An extra vigorous race, especially adapted for out-of-door culture. The plants are trim in habit, perpetual and flower abundantly in 5 months from sowing the seed. They are highly fragrant, and have beautiful double flowers. Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.25.

Double Mixed—A mixture of all colors and types. Pkt., 10 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.75.

CANDYTUFT (A).

Popular favorites, flowering profusely the whole summer. Very valuable for edgings and borders, fairly covered with masses of white and various colors. Height 1 foot. Of easy culture. **White**—Pkt., 5 cts. **Crimson**—Pkt., 5 cts.

Fancy Mixed—Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.

CALLIOPSIS OR COREOPSIS (A).

Beautiful showy summer bedding annuals with large bright flowers of golden yellow, varied with rich brown. Excellent for cutting and decorations.

Mixed—Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.

Lanceolata—A very hardy perennial, blooming the first year and producing on very large stems a constant succession of rich, bright yellow flowers about 3 inches in diameter; exceedingly valuable for decorative purposes. Pkt., 5 cts.; oz., 25 cts.

CANTERBURY BELLS—Campanula, Cup and Saucer (A).

Handsome, hardy biennial of stately growth, rich color and profuse bloom. Succeeds best in light, rich soil and in the fall should be transplanted or thinned to 18 inches or 2 feet apart and given some protection in severe winter weather. Has large, bell-shaped flowers which are strikingly effective; colors white, and various shades of violet, rose, lilac and blue. Height, 2 to 4 feet. One of the wild forms of Campanula is the "Blue Bells of Scotland."

Pkt., 5 cts.; $\frac{1}{4}$ oz., 20 cts.; oz., 75 cts.

CANNA (P).

Stately, ornamental plants, producing clusters of large flowers of the most intense, varied and brilliant colors.



CELOSIA OR COCK'S COMB

Very desirable for greenhouse or bedding outdoors. Plant the seed in February, first soaking them for a day in warm water. In August the plants will come into bloom and continue to flower very freely until cut down by frost. Store roots in cellar in winter.

Tall Mixed—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Crozy's Dwarf Mixed—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 60 cts.

Canna Roots—See page 42.



DOUBLE CARNATION

CELOSIA—Cock's Comb (A).

A half hardy annual, growing 6 to 8 inches high, bearing a wide wavy blossom that resembles a Cock's Comb. Fine for massing or border work. Pkt., 5 cts.; oz., 75 cts.

CENTAUREA, GYMNOCARPA—Dusty Miller (A).

Valuable because of its silvery foliage, and graceful drooping habit of growth. Half hardy perennial: one-half to two feet high. Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.60.

Buckingham County, Va., March 16, 1915.

NOT EXCELLED.—I sowed a package of D. & B.'s Dahlia Seed last year and they could not be excelled. I made 49 Dahlia Roots from the one packet of Seed. I shall always use Diggs & Beadles Seeds hereafter, for they are the best I have ever used.

Please send me the following order, and oblige.

Yours truly,

MISS WILLIE C. HARRIS.

CHRYSANTHEMUM (A).

These annual Chrysanthemums have a charm of their own. The blooming season is from very early summer until frost, and their gay colors make beds or borders attractive during those hottest weeks of summer when flowers are apt to be scarce.

Mixed Varieties—Pkt., 5 cts.; oz., 15 cts.

COLEUS (A).

Probably the best known and most popular of ornamental foliage plants. The leaves are of many shades of color and have a rich velvety appearance of extraordinary beauty. No lawn should be without these decorative plants. Tender perennial.

Mixed—Pkt., 10 cts.; oz., \$1.00.

COSMOS (A).

These well-known flowers are of easy culture and are almost indispensable for cutting and garden decorations, their lovely blossoms being produced in greatest profusion after most other flowers have succumbed to frost. Few flowers have grown more into popularity in late years than the Cosmos, and we recommend them to all wanting large plants in their gardens.

Mammoth Mixed—The flowers are double the



MAMMOTH COSMOS

at least 80 per cent. of double flowers that are as large as any of the named sorts that are propagated by the division of the roots and are sold at high prices. The plants bloom well in the house and are splendid for early spring and summer flowering when planted in a slightly shaded situation. Tender perennials, about 6 inches high. Pkt., 10 cts.; oz., 75 cts.

DIGITALIS, OR FOX GLOVE (P).

A stately, old-fashioned border plant affording dense spikes of brilliantly colored flowers which are terminal and half as long as height of the plant. Colors, white, lavender and rose. Does not usually bloom until the second year. Thrives best in cool, shady locations.

Fine Mixed—Pkt., 5 cts.; oz., 20 cts.



CHRYSANTHEMUM

size of the old, large flowering Cosmos, measuring from 3 to 4 inches across. The petals are large, overlapping, forming perfectly round flowers, deeply ribbed and of good substance. Pkt., 10 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.50;

Mixed—A mixture of the old standard sorts. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

DAHLIA (A).

The Dahlia has always been a favorite for autumn flowering. The flowers are so symmetrical and perfect and the range of colors so large and varied that they will always be popular where display is wanted. Both the single and double strains of this popular flower may be had in the greatest variety and beauty from seed. If planted early and given protection in the spring they can be made to flower the first season. During the winter the roots can be taken up and stored out of reach of the freezing weather and replanted the following spring.

Double Mixed Varieties—Pkt., 5 cts.; oz., 75 cts.

Single Mixed Varieties—Pkt., 5 cts.; oz., 50 cts.

Dahlia Roots—See page 42.



MIXED COSMOS

DAISY (P).

These are charming little plants for edging and borders. The Daisy has been so far improved by selection and careful cultivation that good seed will give



DOUBLE DAHLIA

DIANTHUS OR PINKS (P).

These popular flowers, commonly known as Chinese and Japanese Pinks, have been for a long time very popular, and deservedly so. In diversity of rich and beautiful markings they have but few rivals, and in ease of culture, freedom of bloom and almost certain satisfactory results, they stand close to the Nasturtium. Hardy biennials blooming the first year from seed. So easily grown from seed as to be rarely treated as biennials. Seed may be sown in the open ground any time in May.

Chinensis—The familiar old Chinese or Indian Pink, easily grown and very showy. Our mixture contains a large assortment of varieties. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.00.

Plumarius—The old-fashioned garden favorite. All the single flowered varieties in one mixture. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 80 cts.

ESCHOLTZIA—California Poppy (A).

The beautiful State flower of California. It blooms almost continuously throughout the season. A bed of these in full bloom gives a brilliant color effect. The foliage is finely cut and has a bluish tinge, delicate and very attractive. They are of the easiest culture. Can be sown in any soil, but the better the soil the larger the plants and blossoms. It is best to sow the seed in the garden where the plants are to remain, as they do not transplant easily. Pkt., 5 cts.; oz., 20 cts.

FORGET-ME-NOT—Myosotis (P).

The favorite old border plant that succeeds best in moist situations. It comes into blooming early and the little star-shaped flowers appeal to every heart. Hardy perennials. Pkt., 5 cts.; oz., 25 cts.

FOUR O'CLOCK—Marvel of Peru (A).

A well-known favorite plant, bearing freely funnel-shaped white, red and striped flowers, which open about four o'clock in the afternoon, remaining open all night; and usually are closed before noon the next day. Sow seed in spring in open ground in any good garden soil. The plants should be given plenty of room, about three feet apart. Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.

GAILLARDIA (A).

A very showy, hardy, garden plant, with brilliant flowers in scarlet and yellow, blended and shaded. Blooms freely from early summer till autumn. Grows one and one-half to two feet high, and the blossoms are borne on long, slender stems.

Grandiflora Mixed—Single perennial variety of varying shades of reddish brown, scarlet and orange. The largest of these species, excellent for cutting. Pkt., 5 cts.; oz., 25 cts.

HELIOTROPE (P).**DIANTHUS PLUMARIUS**

The delicately tinted and fragrant blossoms of this beloved little flower are so well-known that any attempt at description would be superfluous. It is adapted to both bedding and house culture, requiring little attention. By sowing indoors early in the spring and transplanting into small pots, plants may be made so strong and stocky that they will be in full bloom soon after being set in the garden.

Mixed Varieties—Pkt., 5 cts.; oz., 75 cts.

HOLLYHOCK (P).

Entirely different and more beautiful than the plant of twelve years ago, being much more compact in growth, the flowers larger, more richly colored and of better form. For a background to a flower garden nothing is better. Height 5 feet. Tie to stakes if the stalks show disposition to fall. The double varieties are the most desirable.

Double Mixed Varieties—Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.40.

LARKSPUR (A).

The Larkspur is one of the handsomest and most useful of plants. The colors are extremely beautiful and in mixed borders its profuse masses of purple, white and red show splendidly, and for large gardens is invaluable. Height 12 inches.

Double Dwarf Varieties Mixed—Pkt., 5 cts.; oz., 40 cts.

**DIANTHUS—CHINENSIS****ESCHOLTZIA—CALIFORNIA POPPY**

I have always found all Seeds I bought from you satisfactory in every way, and when properly attended to produce good results.
Yours truly,
THOS. M. ROSEN.

Buckingham County, Va., March 8, 1915.

LOBELIA (A).

Profuse blooming little plants, of great value for edging, hanging baskets or vases. It is completely covered with flowers for a long time. If given plenty of water they may be kept in flower all summer.

Emperor William—A very fine, compact variety with intensely dark blue flowers. Pkt., 5 cts.

White Lady—Dwarf Pure White Flowers. Pkt., 5 cts.



SWEET MIGNONETTE

LOVE-IN-A-MIST—Nigella (A).

A hardy annual one-foot high, with finely cut foliage. Oddly shaped blossoms in blue and white, and curious seed pods. Of easy culture. Pkt., 10 cts.

MARIGOLD (A).

A hardy annual, shrubby plant, in dwarf and tall varieties, growing from 6 inches to 3 feet high. Foliage bright green, deeply cut, and graceful. The flowers are various shades of yellow and brown. The tall varieties are very valuable for large bedding or background work, and the dwarf varieties for borders. No flower garden seems complete without this fine old-fashioned plant.

African—The best tall variety with large, double blossoms. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 75 cts.

Dwarf French, Double Mixed—Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 75 cts.



TALL MIXED NASTURTIUM

striped and blotched. This gives a new and very handsome appearance to the plant. The flowers are of all colors. Pkt., 5 cts.; oz., 20 cts.; $\frac{1}{4}$ lb., 50 cts.

Dwarf Varieties Mixed—This mixture contains all of the choicest and prettiest flowers of the Dwarf variety. The plants form a small, round bush, 12 to 16 inches high, which is a mass of blooms all summer. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 65 cts.

Tall Varieties Mixed—This mixture contains all of the choicest and prettiest flowers of the tall variety, are of quick growth, covering a whole hedge or trellis in a short time. The brilliant blossoms almost cover the plant from top to bottom. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 20 cts.; lb., 50 cts.

MIGNONETTE (A).

This popular little flower is well-known as one of our most fragrant plants, and a universal favorite. If sown at intervals in spring and early summer it will bloom until killed by frost. Thrives best in a cool temperature.

Machet—A compact-growing variety, with medium long, thick spikes of yellow flowers. Pkt., 5 cts.; oz., 30 cts.

Golden Queen—Very fragrant, with golden yellow flowers. Pkt., 5 cts.; oz., 25 cts.

Sweet—This is the familiar old variety. It has spikes of medium size so fragrant that a bed will perfume the whole atmosphere around it, and every garden should have a corner or bed devoted to it. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 30 cts.



DWARF MIXED NASTURTIUM

NASTURTIUM (A).

Probably the most popular and easily grown flower in our list, and remains longer in bloom. In favorable soil flowers are produced in abundance throughout the season. Nasturtiums prefer dry, rather rocky, soil, such as we usually call "poor" soil, and bear their flowers in such locations in greater profusion than in a rich garden, where they run too much to leaves.

Tall Variegated Leaved Mixed—Every leaf is variegated with yellow, white and green. Some of the leaves are one-half to two-thirds white and yellow, while others are mostly green, but beautifully

PANSY (P).

No description is needed of these little favorites, and it would be hard to find a garden whose charm is not in a large measure dependent upon their marvelous coloring.

D. & B.'s Superb Pansy Mixture—

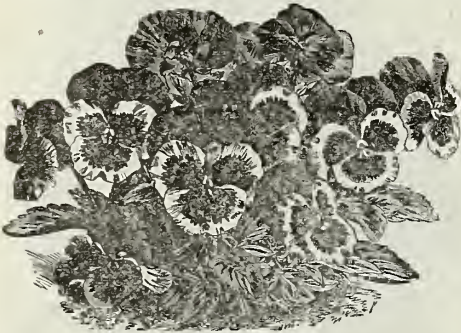
This is a mixture of all the giant flowering varieties, all the plain colors, faced sorts, ruffled edged and rare sorts, also the varieties exquisitely striped. The seed is saved from the most famous pansy gardens, from exhibition flowers. These pansies are wonderfully beautiful in every way and the very best there are. The small difference in the cost of this seed over the other seed is covered one hundred-fold in satisfactory results to the grower. Pkt., 25 cts.



MIXED PANSY

7. Giant Trimardeau Mixed—The largest flowering type of Pansy called the French strain. The top petals are larger than the three lower ones and are beautifully marked. The plants are of vigorous, compact growth, with immense, three-blotched flowers. Pkt., 10 cts.; oz., \$1.00.

Finest English Prize Mixed—This mixture is of magnificent varieties, containing the so-called faced varieties, and is in every respect equal to the higher priced named Pansies. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.



ENGLISH PRIZE PANSIES



D. & B.'S SUPERB PANSIES

Fine Large Flowering Mixed Pansy—This seed is saved from very good garden varieties, the flowers are small in comparison with the fine sorts, but the colors are good. Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.50.

PETUNIA (A).

There is no bedding plant of easier culture than the Petunia, and few that make a gayer appearance when in full bloom. They are easily grown and very popular for bedding. They thrive best in a warm, sunny location. The shape of the flower is similar to that of the Morning Glory. Sow the seed thinly where the plants are to remain, or for early blooming sow in the house in boxes.

Single Mixed—Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 75 cts.

POPPY (A).

Hardly any class of plants afford the same brilliant colorings and showy display. They are of easy culture, the seed being sown where they are to remain. Thin the plants 6 to 12 inches apart

DOUBLE MIXED
POPPY

Oriente—A large gorgeous scarlet blossom: base of petals black. One of the most striking and showy of the garden perennials. Pkt., 10 cts.; oz., 75 cts.

Shirley—These beautiful Poppies are very free-flowering and remarkably brilliant colors, from pale rose to deep crimson. Many of the flowers have crimped or wavy petals, all are of fine silky texture, but of good substance, and not surpassed by any for cutting. Pkt., 5 cts.; oz., 30 cts.; $\frac{1}{4}$ lb., 75 cts.

Carnation Flowered—Large, showy, double flowers of magnificent colors. Pkt., 5 cts.; oz., 20 cts.



SALVIA SPLENDENS (SCARLET SAGE)

POPPY—Continued.

Single Mixed—All the fancy and named single varieties mixed. Pkt., 5 cts.; oz., 25 cts.

Double Mixed—All the fancy and named double varieties mixed. Pkt., 5 cts.; oz., 25 cts.

PORTULACA (A).

Low-growing or creeping tender annual, six to eight inches high, and bearing glossy, cup-shaped blossoms in very brilliant and gorgeous colors. The seed germinates slowly and should be started under glass or when the weather is hot. These flowers love the sunshine and do best on rather dry ground.

Single Mixed—This is an extra fine strain with very large blossoms and splendid colors. Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Choice Double Mixed—From 50 to 60 per cent. of the flowers will come double. These are especially beautiful and showy. Pkt., 10 cts.; $\frac{1}{2}$ oz., 75 cts.; oz., \$1.40.

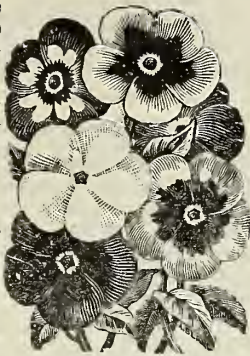
PRIMROSE (A).

Green-house or pot plants, bearing trusses of large single or double blossoms in bright colors, as well as soft tints. Sow the seed in April or May for winter blooming.

Large Flowering Hybrids—The choicest varieties mixed. Pkt., 15 cts.



PHLOX GRANDIFLORA MIXED



CHOICE MIXED PHLOX

PHLOX DRUMMONDII (A).

One of the prettiest and most popular of garden annuals. Makes very attractive beds, and continues to bloom throughout the summer. Sow in April in open ground, or can be started earlier indoors.

Grandiflora Large Flowering Mixed—A great improvement on the common type, both heads and florets being nearly twice as large. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

Extra Choice Mixed—This mixture is unexcelled for profusion of bloom and wide range of brilliant colors. Pkt., 5 cts.; oz., 40 cts.; $\frac{1}{4}$ lb., \$1.25.

RICINUS—Castor Oil Plant (A).

Luxuriant rapid-growing annuals with palm-like leaves. Excellent for background or centre of beds of foliage plants, the effect being especially striking after the brilliantly colored fruit is formed. Pkt., 5 cts.; oz., 10 cts.; $\frac{1}{4}$ lb., 25 cts.

SALVIA SPLENDENS—Scarlet Sage (A).

A well-known favorite bedding plant which bears magnificent spikes of scarlet flowers from July to October. Although perennial, it blooms the first year from seed, and there is really no flower that can rival it in splendid color. Excellent for cutting. Pkt., 10 cts.; oz., \$1.00; $\frac{1}{4}$ lb., \$3.75.

Snap Dragon—See Antirrhinum.

SWEET WILLIAM (P).

A beautiful class of hardy free-blooming plants of extreme richness and diversity of colors. Produces a fine effect in beds or mixed flower borders.

Single Varieties Mixed—Pkt., 5 cts.; oz., 25 cts.; $\frac{1}{4}$ lb., 75 cts.

Double Varieties Mixed—Pkt., 5 cts.; oz., 60 cts.; $\frac{1}{4}$ lb., \$1.40.

VERBENA (P).

These well-known flowers are splendid for beds or massing. Flowers of most brilliant colors, blooming from early summer till late in the fall. Verbenas grown from seed are always thrifty and do not rust. Sow early in house, or out of doors in April.

Mammoth Flowered Mixed—This strain produces blooms of the largest size and most brilliant colors. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.50.

Mixed Colors—The individual flowers are most perfect and the plants remarkably vigorous. A splendid mixture from named sorts, comprising nice, beautiful colors. Pkt., 5 cts.; oz., 50 cts.; $\frac{1}{4}$ lb., \$1.60.



MAMMOTH MIXED VERBENA

SENSITIVE PLANT (Mimosa) (A).

Curious and interesting little plants with pinkish white flowers. The leaves close and droop when touched. Pkt., 5 cts.

SCABIOSA (Mourning Bride or Sweet Scabious) (A).

Have perfectly double flowers, are useful for cutting, they are gracefully borne upon long tender stems well above the foliage and makes a beautiful cut-flower, height 2 feet. Pkt., 5 cts.

VIOLETS (P).

Although these flowers do best when grown from cuttings, they grow readily from seed and produce very fragrant blossoms.

Blue—Pkt., 10 cts.; oz., 90 cts.

White—Pkt., 10 cts.; oz., 90 cts.

Mixed—Pkt., 10 cts.; oz., 90 cts.

WALLFLOWER (P).

This is a fine bedding plant, but it is more often grown as a pot-plant and for this purpose is well adapted. The flowers are very fragrant and usually of various shades of yellow, brown and reddish brown. An old-fashioned flower which is always popular. Sow early in the year in boxes and transplant.

Single Mixed Colors—Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Double Mixed Colors—Pkt., 15 cts.; oz., \$1.50.

STOCKS, DWARF GERMAN—Ten Weeks (A).

Desirable for bedding or pot culture. They bear an immense quantity of fragrant blooms, each plant forming a perfect bouquet, and are splendid for cutting. Pkt., 5 cts.; oz., 75 cts.

ZINNIA (A).

For gorgeous summer and fall display the Zinnia is unsurpassed, the flowers are perfectly double, resembling Dahlias, and almost every shade of color. For bedding and massing they are particularly suitable.

Tall Double Mixed Colors—Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.

Dwarf Double Mixed Colors—Pkt., 5 cts.; oz., 25 cts.; ¼ lb., 75 cts.



DOUBLE ZINNIA

Sweet Peas

This beautiful and fragrant flower is becoming more popular each year and should be grown in every vegetable and flower garden. They are hardy and easy to grow and bloom profusely for many weeks if properly cultivated.

Sow in the spring as early as the ground can be worked, in rows 3 feet apart, and to get the best result stake them as they grow about 4 feet high. For very early blossoms sow in September or October and cover with litter during the winter. 1 oz. of seed will sow about 20 feet.



D. & B.'S SUPERB MIXED SWEET PEAS

D. & B.'s Superb Mixture—This is the best possible mixture than can be made, combining carefully considered proportions. It comprises all of the finest new and large flowering named varieties of every shade and color from pure white to dark maroon. Each is the very choicest of its class, grown separately and mixed by ourselves. It is the finest mixture possible and cannot be surpassed at any price. Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 30 cts.; lb., \$1.00.

D. & B.'s Spencer Mixture—A race or type of sweet peas with extra large flowers, fully double the size of the older forms under good cultivation. The Spencers have very long stems, and wavy and fluted-edged petals, which with their rich coloring give an almost orchid-like appearance. The Spencer type will not stand careless cultivation, but if you give them careful cultivation they will fully repay you for the extra trouble by their exceptional size and beauty. This is a splendid, well-blended mixture of all true Spencer types only. All colors, mixed, pkt., 10 cts.; oz., 15 cts.; ¼ lb., 50 cts.; lb., \$1.75.

Choice Mixed—A good mixture of standard sorts and will afford a splendid variety of blooms and a wide range of assorted colors. Pkt., 5 cts.; oz., 8 cts.; ¼ lb., 25 cts.; lb., 65 cts.

Named Sweet Peas in Separate Colors—We offer the following, all of which are selected from the finest named varieties and the choicest of its kind. Each variety, pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.; lb., 90 cts.

America—Bright red and white striped.

Blanch Burpee—A very large beautiful snow white.

Blanche Ferry—Rose and white.

Dorothy Eckford—Large shell-shaped pure white.

Emily Henderson—An early free blooming, white.

Flora Norton—Bright blue.

King Edward VII—Bright red.

Lady Grisel Hamilton—A beautiful pale lavender.

Lovely—Deep pink shaded to light pink.

Navy Blue—Indigo blue and violet.

Prima Donna—A most beautiful pure pink.

Othello—Very dark maroon.

Aurora—Orange, rose and white.

Mrs. Collier—Rich primrose.

General List of Vines or Climbers

This list comprises varieties which attain perfection the first season. A few of them require starting in the house, but the majority can be sown where they are to grow.

AMPELOPSIS VEITCHII—Boston Ivy (P).

The popular Ivy which covers so many buildings. It clings to brick and wood without support. It is a rapid grower, with beautiful star-shaped foliage of light and dark green, changing with the seasons. Pkt., 5 cts.



BALSAM PEAR

A beautiful climber with many colored flowers. Soak the seed for 24 hours or more before sowing them. Pkt., 10 cts.; oz., 70 cts.

BALSAM PEAR (A).

A very desirable climber, bearing large, prickly, pear-shaped yellow fruit, the flesh of which when kept in whiskey or alcohol is said to make a most effective pain-killer and healer of cuts, bruises, etc. Height, 10 feet. Pkt., 5 cts.; oz., 20 cts.

BALSAM APPLE (A).

There is little difference between this and the Balsam Pear, except in the shape of the fruit. Pkt., 5 cts.; oz., 20 cts.

BALLOON VINE—Love-in-a-Puff (A).

A rapidly-growing climber of attractive foliage, and remarkable for the inflated membranous capsule seed pod from which the name Balloon Vine is derived. This peculiarity also suggests its other name of "Love-in-a-Puff." The flower is white and inconspicuous. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

CLEMATIS HYBRIDA. Large Flowering Mixed (A).

CYPRESS VINE (A).

A tender, climbing annual, with soft fern-like foliage and small star-like flowers in red and pink or white which contrast most effectively with the graceful foliage. Height about 15 feet.

Mixed Varieties—Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 70 cts.

COBEA SCANDENS (A).

This is one of the best climbers of rapid growth, with fine foliage and large bell-shaped flowers of a beautiful violet hue. Pkt., 10 cts.; oz., 70 cts.

DOLICHOS OR HYACINTH BEAN (A).

A tender, climbing annual. Grows rapidly and is splendid for covering a trellis. Flowers in purple, or white; are borne on long stems, the individual blossoms resembling the bean flower, and the ornamental pods resemble bean pods. Sow seed in open ground late in April. Pkt., 5 cts.; oz., 15 cts.

GOURDS (A).

Climbers of rapid growth, which are well fitted for covering fences, arbors, stumps, etc. The vines are of easy culture and make a rapid growth. The foliage is quite pretty and the fruits are very interesting in their various shapes. Grows from 10 to 20 feet high.

Nest Egg—In size, color and shape like a hen's egg. Vines make good screens. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.

Dipper—The handles grow curved if on ground; straight if vines run on a frame. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

Sugar Trough—This grows very large and thick with hard shells, sometimes holding from 3 to 5 gallons. They are light but durable. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 50 cts.

Hercules Club—A large, long Gourd; resembles a baseball bat or club, hence its name. Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.

Orange-Shaped, Pear-Shaped, and Apple-Shaped—Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.

Ornamental Mixed—Pkt., 5 cts.; oz., 20 cts.; ¼ lb., 60 cts.



NEST EGG GOURDS

HUMULUS JAPONICUS—Japanese Hop Vine (A).

A rapid growing, hardy climbing annual with dense, bright green foliage. Will grow 20 to 30 feet high in a season, and is very valuable for covering a trellis or unsightly objects and for shading verandas. Pkt., 5 cts.; oz., 25 cts.

MORNING GLORY (A).

No climber is more popular than is the Morning Glory for covering trellises or unsightly back fences. They grow 15 feet high and bear very abundantly brilliant flowers of various colors. Soak the seed for two hours in warm water to hasten the germination. Of easy culture.

Mixed Varieties—Pkt., 5 cts.; oz., 10 cts.; ¼ lb., 25 cts.

Imperial Japanese Morning Glory—These are much the handsomest flowers in Morning Glories, of gigantic size and in colors ranging from snow white to carmine, through every shade of blue and purple to nearly black, also marble, striped and slashed sorts. The vine is not quite so vigorous a climber as the old-fashioned Morning Glory. Pkt., 10 cts.; oz., 20 cts.; ¼ lb., 60 cts.

CLIMBERS—Continued.

MOON FLOWER OR EVENING GLORY (A).

Beautiful rapid climbers, bearing large white flowers, 4 to 6 inches in diameter, which open in the evening and on cloudy days. Start the seed in the house and transplant when the weather is warm. Before planting it is best to file a small hole in one end through the outer hull and soak for thirty-six hours in warm water to hasten germination. Pkt., 10 cts.; oz., 75 cts.; $\frac{1}{4}$ lb., \$2.00.

VELVET BEAN (A).

A quick-growing vine with beautiful large green leaves, and large clusters of purple flowers and makes a dense foliage. This is probably the largest quick-growing vine, will easily grow 20 feet in a season, excellent for covering old fences, trellises, etc. Large pkt., 10 cts.

WILD CUCUMBER VINE (A).

Very rapid-growing and free-flowering. The vines attain a great height, they begin to bloom early and by midsummer are covered with large sprays or pannicles of small white flowers. Pkt., 5 cts.; oz., 25 cts.

Bulbs

CANNA ROOTS.

A very large and handsome foliage plant growing from 4 to 6 feet tall with large clusters of beautiful flowers. All varieties 10 cts. each, \$1.00 doz.; by mail, 15 cts. each, \$1.25 doz.

KING HUMBERT—A bronze Canna with an orange scarlet flower streaked with crimson, height 5 feet.

CHARLES HENDERSON—Has a green foliage, and the flowers are deep crimson, height 4 feet.

BUTTERCUP—Green foliage with a yellow flower, height 3 to 4 feet.

VENUS—Green foliage with a pink flower, height 4 feet.

CALADIUM—ESCULENTUM (Elephant's Ears)—Is very popular as an ornamental plant for lawns. Leaves attain an immense size; water freely. Medium size bulbs, 10 cts. each; by mail, 25 cts. each; per doz., by express, \$1.00. Mammoth bulbs, 15 cts.; by mail, 25 cts.; per doz., by express, \$1.50.



ELEPHANT'S EAR PLANT
(CALADIUM ESCULENTUM)

MADEIRA VINE ROOTS—This vine will grow 20 feet or more in a season, making a beautiful screen and thick shade. 5 cts. each; by mail, 8 cts.; doz., 25 cts.; by mail, 35 cts.

EXCELSIOR PEARL TUBEROSE—Short and robust plants, bearing immense spikes of double flowers; very fragrant. Extra large bulbs. 2 for 5 cts.; by mail, 2 for 10 cts.; doz., 20 cts.; by mail, 30 cts.; per 100, \$1.25, by express.



PEARL TUBEROSE



DAHLIA

GLADIOLAS, Large Size—Very showy and popular summer flowers, of bell shape, of various colors, growing on a stalk about 3 feet high. Mixed colors, per doz., 20 cts.; by mail, 30 cts.; per 100, \$1.50.

DAHLIA ROOTS—We furnish these separate or in mixed colors, as may be desired. Separate colors, each, 15 cts.; by mail, 20 cts.; per doz., by express, \$1.50.

Mixed Colors—\$1.00 doz.

We will issue in September, a special list of Hyacinths, Tulips, Narcissus, and all other Bulbs for autumn planting which blossom in the winter and early spring. If you grow Flowers, ask for it.

WILD FLOWER GARDEN MIXTURE.

A splendid mixture of free-blooming, hardy flowers, which can be offered at a much less price than when sold in separate packages. Those who cannot give the constant care necessary for finely-arranged flower beds will find the "Wild Flower Garden" a delightful substitute, with its constant and ever-varying bloom. Such a flower bed is a continual surprise and pleasure, as new varieties and the old garden favorites flower successively throughout the season. Thin out where plants are crowded and keep clean of weeds.

Pkt., 5 cts.; oz., 15 cts.; $\frac{1}{4}$ lb., 50 cts.

OUR SPECIAL GRASS MIXTURE

FOR HAY AND PERMANENT PASTURES.



D. & B.'s Grass Mixtures

It has long been an established fact that Grass Seed sowed in mixture makes a far better yield of hay and also a better pasture than when one variety is sowed alone. We have made a study of Grass Mixtures and in offering the following we have the ideal mixtures for the purposes for which they are recommended. Only the highest grade of seed are used and they are thoroughly mixed in the proper proportions to get the best results. In the Hay mixtures we use only the Grasses which have proven the best to sow together and which mature and ripen together, which is, of course necessary to get the best crops. We have most flattering testimonials from many of our customers telling us of their enormous yields and splendid results they have had from seeding our mixtures. We recommend these mixtures with entire confidence, and we feel sure that they cannot be improved upon, but should any of our customers prefer a different mixture, we will be glad to mix the seeds in any proportion they may wish.

These prices subject to market changes.

D. & B.'S GRASS MIXTURE.

No. 1 FOR HAY OR PASTURE.

Recommended for light or loamy upland, for either hay crop or grazing purposes.

COMPOSED OF

Orchard Grass.	Tall Meadow Oat Grass.
Perennial Rye Grass.	Red Clover.
	Alfalfa.

These Grasses mature and ripen together, making a splendid hay. Sow 30 to 35 lbs. to the acre.

Price, per lb., 18 cts.; 10 lbs., 16 cts. lb.; 100 lbs. \$15.00.

D. & B.'S GRASS MIXTURE.

No. 2 FOR PASTURE.

Recommended for light or loamy upland.

COMPOSED OF

Orchard Grass.	Tall Meadow Oat Grass.
Perennial Rye Grass.	Herds Grass.
Canada Blue Grass.	Red Clover.
White Dutch Clover.	Alfalfa.

Sow 30 to 35 lbs. to the acre.

Price, per lb., 18 cts.; 10 lbs., 16 cts. lb.; 100 lbs., \$15.00.

D. & B.'S GRASS MIXTURE.

No. 3 FOR HAY.

Recommended for stiff, heavy or low lands.

COMPOSED OF

Timothy.	Herds Grass.
Mammoth Clover.	Alsike Clover.
Meadow Fescue.	

These Grasses mature and ripen together.

Sow 20 lbs. to the acre.

Price, per lb., 18 cts.; 10 lbs., 16 cts. lb.; 100 lbs., \$15.00.

D. & B.'S GRASS MIXTURE.

No. 4 FOR PASTURE.

Recommended for stiff, heavy or low lands.

COMPOSED OF

Kentucky Blue Grass.	Herds Grass.
Alsike Clover.	White Dutch Clover.
	Meadow Fescue.

Sow 30 to 35 lbs. to the acre.

Price, per lb., 20 cts.; 10 lbs., 17 cts.; 100 lbs., \$16.00.

Miscellaneous Farm Seeds

The prices of all Field Seeds are constantly fluctuating, therefore we do not quote prices on these articles in quantity in our catalogue, but we will cheerfully quote firm prices and mail samples at any time on request. Two and one-half bushel Cotton Sacks to hold Clovers, Timothy and Herds' Grass will be charged for extra at cost, 20 cts. each.



RED CLOVER

RED CLOVER (TRIFOLIUM PRATENSE)

—This is the common Red Clover so popular everywhere—the farmer's friend, the soil restorer, the bountiful feed plant. Can be sown in the Spring from February 15th to April 1st; also from July 1st to October 1st, and will be ready for mowing the following spring. Sow 12 to 15 pounds to the acre. Present price D. & B.'s Best, per lb., 22 cts.; 10 lbs. at 21 cts., bushel price on request.

MAMMOTH SAPLING, OR PEAVINE CLOVER (TRIFOLIUM PRATENSE)

—Very much like the common Red Clover, but larger, of heavier growth and later. Especially recommended for thin soils. Sow 12 to 15 pounds to the acre. Present price D. & B.'s Best, 25 cts. lb.; 10 lbs. at 23 cts., bushel price on request.

ALFALFA OR LUCERNE (MEDICAGO SATIVA)

—This grows 2 to 4 feet high; will bear cutting four or five times a year on very rich, deep soil. Will stand five or ten years with one seeding, and stands drought remarkably well. It is becoming more generally used every year; the land should be thoroughly prepared and seeded; 25 to 30 pounds to the acre. Present price, D. & B.'s Best American Grown Seed—per lb., 25 cts.; 10 lbs., at 22 cts.; bushel price on request.

GERMAN CRIMSON OR ANNUAL CLOVER (TRIFOLIUM INCARNATUM)—Makes excellent green foliage, or if cut when in bloom will make good hay. Especially valuable for improving the soil, making a quick, heavy and very valuable crop for plowing under. May be sown to advantage among corn, cotton and tobacco at the last cultivation, and will afford a dense mat for turning under in spring. Sow 25 to 30 pounds to the acre from July to November. Present price, D. & B.'s Best—per

lb., 12 cts.; 10 lbs. at 11 cts., bushel price on request.

WHITE BLOOMING GERMAN OR CRIMSON CLOVER—Similar to Crimson Clover, except it has a white blossom instead of a crimson, and grows larger and is from 2 to 3 weeks later in maturing. Present price—D. & B.'s Best, lb., 13 cts.; 10 lbs. at 12 cts., bushel price on request.

ALSIKE CLOVER (TRIFOLIUM HYBRIDUM)—This is probably the best variety to sow with other grasses for a good mixed hay. On stiff, moist soil, makes pasture, but is chiefly valuable for hay. Stands cold well, on either wet or dry soils. Largely sown for bees. Sow 12 to 15 pounds to the acre. Present price D. & B.'s Best, 19 cts. lb., 10 lbs. at 18 cts., bushel price on request.

WHITE DUTCH CLOVER (TRIFOLIUM REPENS)—Thrives in any soil or climate, and being of low, creeping growth, is especially valuable for pastures and lawns. Present price—D. & B.'s Best, per lb., 55 cts.; 10 lbs., at 50 cts. lb.; price in quantity quoted on request.

WHITE BOKHARA, OR SWEET CLOVER—This is a good clover to sow on poor or thin land as an improver and to prevent washing. It is very hardy and stands heat and drought remarkably well. It makes good grazing while young and also makes good quality hay if cut before it blossoms, but if allowed to grow tall or blossom it gets hard and woody. Is a good crop to sow to inoculate soil to be followed with alfalfa; is also valuable for bees; we would recommend a trial of this Clover on poor soil. Sow about 15 pounds of Re-cleaned Seed to the acre and of Seed in the chaff, 25 pounds to the acre. Present price, Fancy Re-cleaned Seed, 22 cts. lb.; 10 lbs. at 20 cts. Write for prices in quantity. Seed in Chaff, per lb., 18 cts.; 10 lbs. at 17 cts.; larger quantities quoted on request.

BURR CLOVER—When seeded in the summer or early fall this Clover will make a valuable grazing crop from November until June. It reseeds itself and improves in growth each succeeding year. Is also a valuable soil improver. Sow 15 to 20 pounds to the acre of Re-cleaned Seed and of Seed in the burr about 20 to 25 lbs. to the acre. Present price Re-cleaned Seed per lb., 20 cts.; 10 lbs. at 18 cts.; Seed in the burr per lb., 10 cts.; 10 lbs. at 17 cts.; larger quantities quoted on request.



ALFALFA

THE CYCLONE SEED SOWER

This is a splendid little Seeder at a very modest price. Sows any kind of seed evenly, also Fertilizers, Bone or Ashes. Will pay for itself in a few hours. Made of tin and fits the body snugly. Price only \$1.50 each, mailing weight 5 lbs.

The Cahoon Broadcast Seed Sower

The standard broadcast seeder and the best manufactured. Sows all kinds of grain, Clover, Timothy and heavy seeds. Very simple in operation and sows 4 to 6 acres an hour at a common walking gait. Distributes seeds uniformly in one-fifth the time required by hand. Circular on request. Price only \$2.75.

Grasses



TALL MEADOW OAT
GRASS

are obtained if mixed with Red Top or Herd's Grass, Sapling Clover, Alsike or some grass maturing at same time. Sow 15 pounds to the acre. Price fluctuates. Present price—D. & B.'s Best, per lb., 11 cts.; 10 lbs. at 10 cts., larger quantities quoted on request.

RED TOP, OR HERD'S GRASS (ARGROSTIS VULGARIS)—This excellent pasture and hay grass does well on any soil. But, perhaps, thrives better on moist, heavy soils than on light. It spreads and thickens from year to year, and will gradually supplant other grasses. Matures at same time as Timothy with which it makes a good mixture. Sow 10 to 12 pounds of fancy clean seed to the acre. Price fluctuates. Present price—D. & B.'s Best, fancy re-cleaned 14 cts. per lb.; 10 lbs. at 13 cts., larger quantities quoted on request. Unhulled seed, 12 cts. per lb.; 10 lbs. at 11 cts.



KENTUCKY BLUE
GRASS

KENTUCKY BLUE GRASS (POA PRATENSIS)—This grass succeeds best on limestone soil, but does well on any stiff soil. Stands cold, but does not do well in extreme heat. Grows slowly at first, making a thick, compact turf. First-class for lawns or pasture. Succeeds better, however, when mixed with other grasses. Sow either in the fall or spring. Thirty-five pounds to the acre. Price fluctuates. Present price—D. & B.'s Best, per lb., 20 cts.; 10 lbs. at 15 cts., larger quantities quoted on request.

CANADA BLUE GRASS (POA COMPRESSA)—Similar to the Kentucky Blue Grass, and is recommended by authorities on grasses for our Southern soils, as it is very hardy and resists drought. We especially recommend its use in mixtures for lawns and pastures. Present price—Per lb., 15 cts.; 10 lbs. at 14 cts., larger quantities quoted on request.

MEADOW FESCUE, RANDALL, OR ENGLISH BLUE GRASS (FESTUCA PRATENSIS)—Remains green all winter, making fine, nutritious pasture, and also yields well as hay crop. Largely used for grazing. Sow about 30 pounds to the acre. Price fluctuates. Present price, per lb., 15 cts.; 10 lbs., at 14 cts. larger quantities quoted on request.

PERENNIAL RYE GRASS (LOLIUM PERENE)—Good for hay and pasture, if sown on strong, moist soil, but does not stand drought well. It grows rapidly and matures very early, and lasts several years. Sow 30 pounds to the acre. Price fluctuates. Present price—per lb., 10 cts.; 10 lbs. at 9 cts., larger quantities quoted on request.

ITALIAN RYE GRASS (LOLIUM ITALICUM)—Larger and stronger than Perennial Rye Grass; has large, broad, glossy green blades. Thrives best on moist, fertile soils, furnishing three or four cuttings a year. Sow about 40 pounds to the acre. Price fluctuates. Present price—per lb., 10 cts.; 10 lbs. at 9 cts., larger quantities quoted on request.

BERMUDA GRASS—A valuable grass for permanent sod, and especially recommended for dams and terraces, as it has long, tough roots and of a matty growth; prevents land washing; would not advise sowing on land which is to be planted in other crops, as it is very tenacious in habit and very hard to eradicate after it once gets a hold. It is very similar to our Virginia Wire Grass. Sow in March or April, 3 to 5 pounds to the acre, in well-prepared soil. Per lb., 45 cts.; 10 lbs. at 40 cts. per lb.

CREEPING BENT GRASS (AGROSTIS STOLONIFERA)—Very hardy, standing trampling of pasture or lawns better than any other grass. Thrives best on moist lands. Sow about 40 pounds to the acre. Price fluctuates. Present price—per lb., 45 cts.; 10 lbs. at 43 cts., larger quantities quoted on request.

HARD FESCUE (FESTUCA DURIUSCULA)—This makes excellent lawns and pasture on dry soils and stands drought well; keeps green all winter. Sow about 35 lbs. to the acre. Price fluctuates. Present price—per lb., 20 cts.; 10 lbs. at 18 cts., larger quantities quoted on request.

SHEEP FESCUE (FESTUCA OVINA)—Excellent for sheep pastures and flourishes on dry, rocky soil, where other grasses will not grow. Makes a short, thick, deep turf, especially valuable for pleasure grounds. Sow about 35 pounds to the acre. Price fluctuates. Present price—per lb., 20 cts.; 10 lbs. at 18 cts. Write for prices in quantity.



ORCHARD GRASS

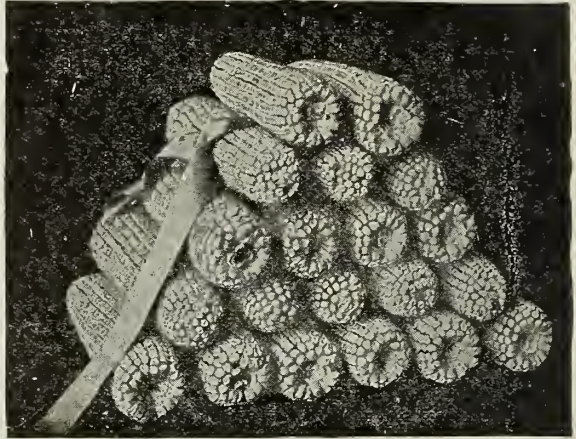
D. & B.'s Selected Seed Corns

All of our Field Corns are raised in Virginia, selected and grown under contract especially for seed purposes. The seed is saved only from the largest and best ears, and the ends of the ears are cut off before shelling, which leaves only the largest and best grains for seed.

Owing to the great care we exercise in growing and selecting our Seed Corns and the superiority of our strains the demand for our Corns has increased marvelously within the last few years. Not only is our farmers' trade increasing, but we sell our corns in large quantities to many seedsmen in other States.

D. & B.'S VIRGINIA STATE WHITE DENT—Several years of careful breeding and selecting has developed this beautiful strain of large White Corn. It is a great improvement over the old White Dent. It is very hardy, uniform in size and productive. Is pure white, large ear, medium size cob, fills out well at both ends. Qt., 15 cts.; pk., 45 cts.; bu., \$1.60; 5 bus. at \$1.50 bu.

Selected ears on cob, per bus. of 70 lbs., \$2.00.



D. & B.'S VIRGINIA STATE WHITE DENT

THOMPSON'S PROLIFIC—This is a moderately early, pure white prolific corn, average 2 ears to the stalk, shoots low to the ground, stalk of medium height, has a pretty shaped ear of medium size, grains are a good size and somewhat harder than the Dent varieties. This Corn has become very popular, and we especially recommend it as the best prolific corn for medium land. Pk., 50 cts.; bu., \$1.75; 5 bus. at \$1.65 bu.

Selected ears on the cob, at \$2.25 bu. of 70 lbs.

BOONE COUNTY WHITE—A large eared variety of white corn. It has deep, soft and very white grains; it is a vigorous grower and has become very popular and has probably taken more premiums than any other variety of corn for the last few years. Being a soft corn it is excellent for stock feeding, but is more liable to rot on the stalks in a bad, wet season than harder varieties. Our seed is grown from premium stock. Qt., 15 cts.; pk., 50 cts.; bu., \$1.75; 5 bus. at \$1.65 bu.

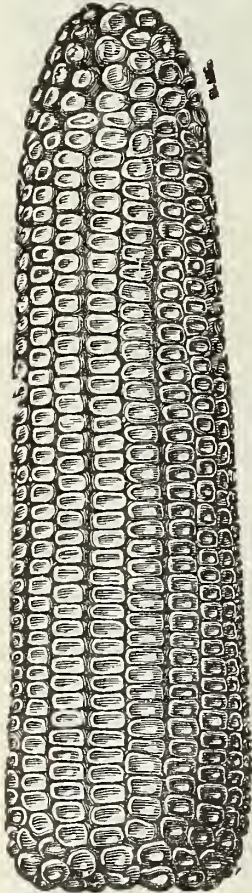
Selected ears on cob, per bu. of 70 lbs., \$2.50.

COCKE'S PROLIFIC—A very valuable white variety, making enormous yields on rich land. Especially adapted to river bottoms or lands subject to overflows, on account of its flintiness it can be shocked and harvested early and will not rot in the shock; grains white and flinty; superior for meal and hominy. Qt., 15 cts.; pk., 50 cts.; bu., \$1.75; 5 bus. at \$1.65 bu.

BLOUNT'S PROLIFIC—Remarkably prolific white corn of flinty nature, producing three to six ears to the stalk. Makes splendid meal. We recommend it only for rich land. Qt., 15 cts.; pk., 50 cts.; bu., \$1.75; 5 bus. at \$1.65 bu.

EUREKA ENSILAGE—This variety is bred from the Cocke's Prolific, the ears are much larger and longer, but not as many to the stalk. The ears run from 9 to 12 inches long. It is a rather hard, pure white variety and makes excellent meal. Is especially adapted to rich low grounds, and is one of the most valuable ensilage varieties. Qt., 15 cts.; pk., 50 cts.; bu., \$1.75; 5 bus. at \$1.65 bu.

EARLY PEARL—This is the earliest white field variety, has medium size ears, frequently 2 or 3 to the stalk and ears grow close to the ground, does not make a very large growth, therefore can be planted closer than large corns. A splendid variety for earliest feed. Qt., 15 cts.; pk., 50 cts.; bu., \$1.75; 5 bus. at \$1.65 bu.



THOMPSON'S PROLIFIC

Last spring we bought two or more lots of Eureka Seed Corn from you, which we are glad to say proved very satisfactory in every way, and anticipating placing another order we would be glad to have you quote your price f. o. b. Richmond.

Thanking you for your attention, we remain,

York County, Va., November 1, 1915.
I planted your Thompson's Prolific and Hickory King Corn, which I ordered from you this season, and I have a fine crop. I do really think the Corn you sent me was fine indeed.

Yours truly,

EDDIE SMITH.

Lycoming County, Pa., November 23, 1915.

Yours truly,

CHAAPEL'S SEED STORE.

CORNS—Continued.

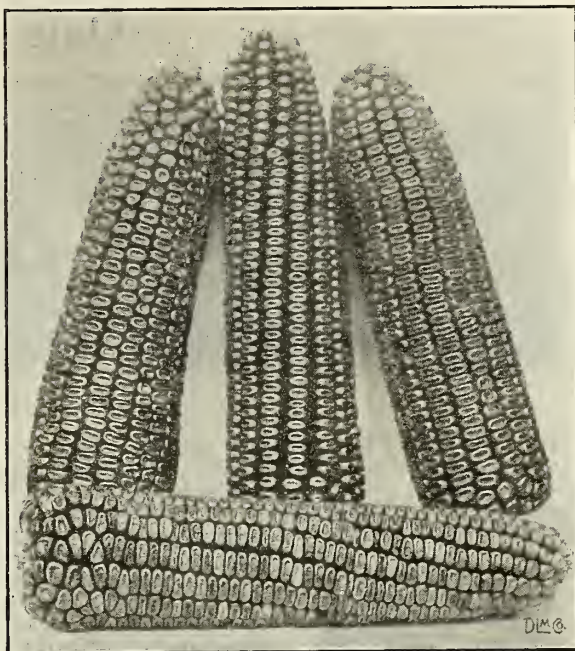
HICKORY KING—Very large, pearly white grains; very small cob; especially good variety for high land; Qt. 15 cts.; pk., 60 cts.; bu., \$1.75; 5 bus. at \$1.65 bu.

WHITE GOURD SEED, OR HORSE TOOTH—A very deep grain corn, with large ears and small cob. One of the most popular for medium or light land. Qt., 15 cts.; pk., 50 cts.; bu., \$1.60; 5 bus., at \$1.50 bu.

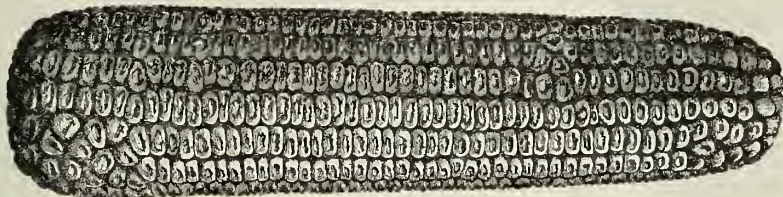
VIRGINIA ENSILAGE—A large white corn with abundance of foliage which is used extensively for ensilage and fodder; also makes good yield of corn. Qt., 15 cts.; pk., 50 cts.; bu., \$1.50; 5 bus. at \$1.40 bu.

TRUCKER'S FAVORITE—While this is listed with the garden corns, it is also used extensively as a field corn, as it is earlier in maturing than field corns and for this reason can be planted later than most field corns to mature before frost. Pk., 75 cts.; bu., \$2.75.

D. & B.'S IMPROVED GOLDEN DENT—We have been carefully growing and selecting this corn for several years until now we have in it the most prolific and hardy yellow corn to be had for this section. It is not a flint variety, but being a moderately hard corn does not rot in the fields as does many varieties of yellow corn. It is exceptionally early, maturing in about 90 days. Qt., 15 cts. pk., 50 cts.; bu. \$1.75; 5 bus. at \$1.65 bu.; Selected ears on the cob at \$2.25 bu. of 70 lbs.



D. & B.'S IMPROVED GOLDEN DENT



BOONE COUNTY WHITE

FARMOGERM [High Bred Nitrogen Fixing Bacteria] A Reliable Method of Inoculation.

Farmers are beginning to understand that success with legume crops such as Peas, Beans, Peanuts, Clovers, Alfalfa, Vetch, etc., depends to a great extent on having the right kind of bacteria to supply these plants with Nitrogen—Farmogerm is a preparation of legume bacteria that have been bred up and selected and that can be guaranteed to be *pure, live and active*. Put Farmogerm on the seed before planting your next legume crop, as it is one of the best forms of crop insurance.

The biggest and cheapest source of Nitrogen in the world is in the air. The problem is to change the Nitrogen in the air into nitrates on the roots of the plants. That is exactly what Farmogerm Bacteria does, and the amount of Nitrogen that you can secure from a crop of peas, beans or any other legume depends on the quantity of the bacteria you have in the soil.



If you are interested in improving your land at the least possible cost it will pay you to use Farmogerm.

Endorsed by colleges and experiment stations and the best agricultural authorities.

Eight years of constantly increasing demand from thousands of users prove its value.

PRICES.

Farm size for 5 acres, \$6.00. Trial size for 1 acre, \$2.00. Garden size for Peas, Beans and Sweet Peas, 50 cts. In ordering state which of the following crops you wish it for: Cow Peas, Soja Beans, Peanuts, Alfalfa, Clover (what kind), Canada Field Peas, Garden Peas or Beans.

Full Farmogerm Literature Sent Free on Request.

Oats



A FIELD OF BURT OR NINETY DAY OATS

BURT, OR NINETY DAY OATS—The best Spring Oats, as it is the earliest, nearly rust proof, hardy and vigorous and yields more grain than any other spring oats. The seed resembles the Red Rust Proof, but is not as large or as heavy. Sow 2 bushels to the acre. Price fluctuates. Present price, 75 cts. per bu.; 10 bus. at 73 cts.

VIRGINIA GRAY WINTER OR TURF OATS—This has long been by far the most popular variety in this State, and is now extending into all parts of the South and West. Though a winter oat, they also succeed well if sown in the spring, making surest crop if sown by March 15. Sow $1\frac{1}{2}$ to 2 bushels to the acre. Price fluctuates. Present price—Per bu., 80 cts.; 10 bus. at 78 cts.

RED RUST PROOF OATS—A very desirable early variety for heavy soils and low, moist grounds, where rust attacks other varieties. Yields abundantly of large, heavy grain, but does not grow as tall as the winter oat. Sow 2 bushels to the acre. Price fluctuates. Present price—Per bu., 75 cts.; 10 bus. at 73 cts.

APPLER OATS—An early large, red Oat, similar to the Rust Proof, but harder and yields more grain. Adapted to either spring or fall sowing. Write for prices.

BLACK SPRING OATS—A hardy black seeded spring oat which makes a very good crop of grain. Present price, per bu., 73 cts.; 10 bus. at 70 cts.

WHITE SPRING OATS—A large, heavy White Oat for spring seed; ing. Price fluctuates. Present price—D. & B.'s Best, per bu., 70 cts.-10 bus. at 68 cts.

D. & B.'S WINTER GRAIN PASTURE MIXTURE—A well proportioned mixture of hardy grains, composed of Beardless Wheat, Oats, Rye, Barley and Vetch for winter and spring pasture; also can be cut for hay early in June. This is a most excellent combination for pasture or hay crop. Sow 100 lbs. to the acre from August to November. Write for prices.

WINTER RYE—This is largely cultivated for pasture in winter, for earliest green feed, and for turning under as well as for the grain. Sow from July to December; $1\frac{1}{2}$ to 2 bushels to the acre. Price fluctuates. Present price, \$1.25 per bu.

WINTER BARLEY—Sow from September to November; 1 to $1\frac{1}{2}$ bushels per acre. Price fluctuates. Write for prices.

SEED WHEATS—We will have in season all of the best varieties of seed Wheat. Send for special price list in September.



RED RUST PROOF OATS

Culpeper County, Va., April 27, 1915.

The Red Rust Proof Oats which I purchased from you some weeks ago have come up exceptionally well.

Yours truly,

H. YEA.

Greenbrier County, W. Va., March 8, 1915.

I bought from you last fall some of your Winter Barley, and it is showing up fine,

Yours truly,

JNO. A. ANDERSON, JR.

Mecklenburg County, Va., March 1, 1915.

I have always found your Seed satisfactory. I have used them for six year.

Yours truly,

MRS. ROSA F. PETTY.

Campbell County, Va., March 8, 1915.

All the Seeds I have ordered from you have always been satisfactory. Please send me the following order.

Yours truly,

THOS. H. WOODING.

Black Eye Field Peas

For table use, forage and soil improving, these are profitable to sell green or dry for winter use.

EXTRA EARLY BLACK EYE—A smaller, but the earliest strain of the well-known Black Eye Pea. Very productive; good flavor, and especially valuable for market, owing to its extreme earliness. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.25; bu., \$4.50.

EARLY RAM'S HORN—A large second early Black Eye Pea, coming in between the extra early and the large Black Eye. Mostly used as a table pea while green. Qt., 20 cts.; pk., 90 cts.; bu., \$3.25.

D. & B.'S JUMBO BLACK EYE PEAS—This is the largest size of Black Eye Peas known, they yield well and on account of its extra large size, easily brings the highest market prices. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.00; bu., \$3.50.

LARGE BLACK EYE—The well-known standard variety, good either green or dry. For table purposes. Qt., 15 cts.; pk., 80 cts.; bu., \$2.75.

SMALL BLACK EYE—A bunch variety, very productive; an excellent quality of dry pea for winter use. Qt., 15 cts.; pk., 85 cts.; bu., \$2.50.

GALLAVANT OR LADY PEA—This is a splendid little pea, especially recommended for the table. They are unusually small in size, of creamy white color, and delicious flavor, is a prolific variety and a general favorite in some sections of the South, where it is well-known on account of its superior table qualities. To the lover of a home garden, who takes pride in table delicacies, this little pea will especially appeal. Pkt., 10 cts.; qt., 25 cts.; pk., \$1.25, bushel price on request.

Canada Field Peas

This variety is not considered a cow pea, but is of the English pea family. Has small seed and pods, grows 4 to 5 feet high and makes excellent early hay. We recommend sowing Rust-Proof Oats with these in February or March at the rate of 1 bushel peas and 1 bushel of oats to the acre. They also do well when sown in November with either wheat, rye, oats or barley. Our stock is the very best American grown Seed. Price fluctuates. Present price, \$3.00 bushel.

Field or Cow Peas



COW PEAS

This is one of the best crops that can be grown for enriching the soil; even if the entire crop of vines are cut off and removed, the roots, by their ability to add nutritious qualities to the soil, improving the poorest land and enriching the richest. It is also a splendid forage and field crop, producing a heavy growth of excellent feed. All of our Cow Peas are thoroughly re-cleaned and put up in even weight, good sacks, all hulls, sticks, cracked and broken peas are taken out, and they should not be compared with peas commonly offered just as they come from the farmers hands, which are rarely ever re-cleaned and in very poor sacks.

PRICES OF COW PEAS ARE CONSTANTLY CHANGING, WRITE US FOR PRICES WHEN READY TO BUY.

TAYLOR OR LARGE GREY WHIPPOORWILL—A large speckled pea with long pods, and makes a heavy yield of shelled peas. It matures early, and grows upright, also makes a large growth of vines. Qt., 15 cts.; pk., 60 cts.; bushel price on request.

BLACK PEAS—This is the popular variety for forage and for turning under. Very prolific, quick grower, rich and nutritious. Qt., 15 cts.; pk., 60 cts.; bushel prices on request.

IRON—We consider this pea probably the best variety to plant for a hay crop or forage. It also yields abundantly of peas. In some sections of the South it is sown almost exclusively. The seed of this variety is much smaller than other cow peas, consequently it does not take as many to seed an acre. Qt., 20 cts.; pk., 75 cts.; bushel price on request.

NEW ERA—An extra early cow pea. Makes a very heavy growth of vine and is very prolific of peas, which are speckled and very small, and on this account it does not require near as many seed to an acre. One bushel or even less is sufficient. Qt., 15 cts.; pk., 75 cts.; bushel price on request.

WONDERFUL OR UNKNOWN—Of late maturity, but produces a very large, heavy yield of vines and bountiful supply of peas. Plant in May or June. Qt., 15 cts.; pk., 60 cts.; bushel price on request.

WHIPPOORWILL—Very early, brown speckled peas; vines grow in bunches instead of runners. Qt., 15 cts.; pk., 60 cts.; bushel price on request.

CLAY—Resembles the Black Pea, in growth, but not as early. Heavy vines; prolific yielder of peas. Qt., 15 cts.; pk., 60 cts.; bushel price on request.

MIXED COW PEAS—We offer a choice mixture of the principal varieties, which some farmers think produces a thicker and better crop than any single variety. Pk., 60 cts.; bushel price on request.

COW PEAS MIXED WITH SOJA BEANS—The advantage of sowing Cow Peas with Soja Beans for hay is that the strong, stiff stalks of the Beans hold up the peas so that they can be cut better and they cure better and make better and more hay than peas grown alone. Price on request.



SOJA BEANS

A very profitable market crop and a good table bean. Only the dried beans are used. Plant in June or July in 3-foot rows; 1 to 2 pecks to the acre. Height 12 inches. Qt., 25 cts.; pk., \$1.25 cts.; bu. price on request.

Mammoth Yellow Soja Beans

A splendid forage crop, nutritious, heavy growth, improves the soil, makes good ensilage, and withstands drought better than any other forage crop. Makes excellent hog food. Sow 1 to 1½ bushels to the acre broadcast, or plant in drills, ½ bushel to the acre, and cultivate like corn. Qt., 15 cts.; pk., 50 cts.; bushel price on request.

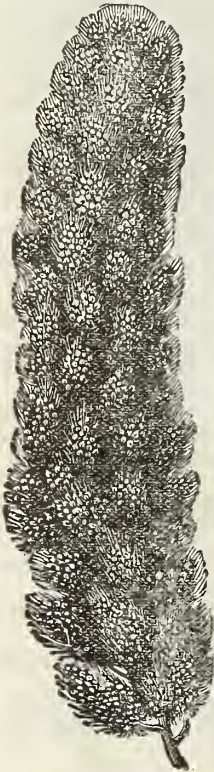
100-Day Velvet Beans

This is a very rapid growing bean, and makes a larger growth than any other pea or bean known. They are especially recommended for improving poor, worn out lands. Can be sown broadcast, but we think it best to plant in drills and cultivate them once. After they get started they will soon cover the ground with vines so dense that it is difficult to plow them under. We recommend turning stock on them, and let them eat and trample down the vines, which can then be turned under or left until spring. Should be planted in May or June, 1 or 2 pecks to the acre, in drills, or 1 bushel broadcast. Qt., 20 cts.; pk., 85 cts.; bushel price on request.

Navy Beans

Sudan Grass

This Grass was introduced into this country from Egypt, by the U. S. Department of Agriculture in 1909, and has been thoroughly tested throughout the Southern States with excellent results. It can be cut twice and with favorable seasons three times a year. It is an annual, and therefore has to be seeded each year, grows 6 to 10 feet high, when drilled, or if seeded broadcast 3 to 5 feet. In appearance, it is similar to the Johnson Grass, but as it does not root as deeply, is killed out through the winter, and can never become a pest, as has Johnson Grass in some sections of the South. It is, however, a great drought resisting Grass, and is easily cured, making a splendid hay crop, and all stock relish and thrive on it. This Grass should not be sown until the ground becomes thoroughly warm, about the first of May. Farmers in the South, who have grown this Grass, are very enthusiastic about it. This Grass was sown very extensively in Virginia last year, and our customers were very much surprised and gratified at the heavy yield and good quality of hay produced. It is no longer an experiment in this State, and will no doubt become a popular hay crop. Sow 5 lbs. to the acre in drills 2 feet apart, or if broadcast 20 to 25 lbs. to the acre. Price per lb., 20 cts.; 10 lbs. at 15 cts. per lb.; 100 lbs., \$12.00.



GERMAN MILLET

Sorghums, Millets and Fodder Plants

SUGAR DRIP SORGHUM—This is decidedly the best variety for making syrup, also good for fodder, or green feed. Lb., 10 cts., bushel price on request.

EARLY AMBER SORGHUM—Grows 10 or 12 feet high; yields heavy, nutritious forage, either dry or cured; very sweet, making good syrup. Sow broadcast, 1½ bushels to the acre, in drills 1 peck. Price fluctuates. Lb., 10 cts., bushel price on request.

EARLY ORANGE SORGHUM—Similar to Early Amber, but yields heavier. Price fluctuates. Lb., 10 cts.; bushel price on request.

GERMAN OR GOLDEN MILLET—This grass, if sown thickly, produces an enormous quantity of good feed. Sow from May to July; 1 bushel to the acre. Price fluctuates. Present price, \$1.75 per bushel.

PEARL OR CATTAIL MILLET—This variety gives an enormous yield of very valuable forage. Plants grow 12 feet high, but may be cut at 3 feet, when it will thicken up, and may then be cut continuously until frost, giving abundant supply of rich green food; also valuable as a dry hay. Sow in drills, 5 pounds to the acre, or if broadcast, 25 pounds. Pkt., 5 cts.; lb., 10 cts.; 10 lbs. and over at 9 cts.; 100 lbs., \$8.50.

KAFFIR CORN—A popular forage crop. Heavy growth; very nutritious; grain makes a particularly valuable feed for stock and poultry. Especially good for sowing with cow peas. Present price, lb., 5 cts.; 10 lbs. at 4 cts.; 100 lbs., \$2.00.

YELLOW MILO MAIZE—Largely used for feeding to cattle green; can be cut and fed green when 3 or 4 feet high, and will continue to grow out and can be cut until frost. Sow in May or June; 5 pounds to the acre in drills. Per lb., 10 cts.; 10 lbs. at 7 cts.; 100 lbs., \$5.00.

Broom Corn



KAFFIR CORN

Green color; grows long, straight, and brings highest market price for making brooms. The best variety. Sow in 3-foot drills and thin plants to 3 inches. Sow 5 pounds to the acre. Pkt., 5 cts.; lb., 10 cts.; 10 lbs. at 8 cts.; 100 lbs. quoted on request.

Teosinte

This is a valuable fodder plant, resembling corn, but with larger leaves and sweeter stalks. Much relished by stock either green or as dry fodder. Yields enormous crops, and may be cut five or six times a year. Stalks 10

or 12 feet high. Drill in May or June, 3 lbs. to the acre. Per oz., 5 cts.; $\frac{1}{4}$ lb., 15 cts.; lb., 50 cts.



TEOSINTE

Dwarf Essex Rape

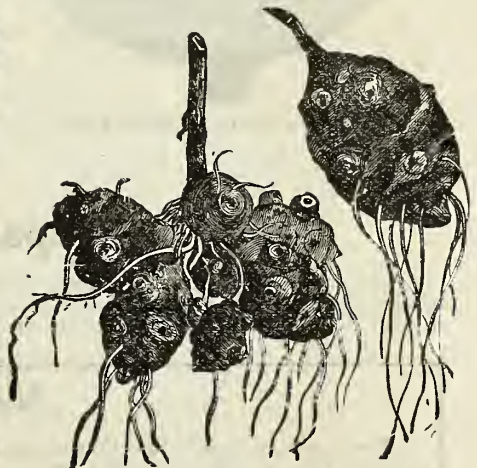
Excellent for grazing sheep, hogs and all kinds of stock. Especially valuable for sheep and hogs with young, as it is an excellent milk producer. The young animals will also eat it with relish. It is hardy, stands cold, and ready in eight weeks after sowing. Sow 10 lbs. to the acre broadcast; 4 lbs. if drilled. Per lb., 10 cts.; 10 lbs. at 9 cts.; 25 lbs. at 8 cts. lb., 100 lbs., \$7.50.



DWARF ESSEX RAPE

Jerusalem Artichokes

Artichokes are grown only from tubers, like potatoes. They are very prolific and make excellent hog feed; claimed to be very healthy for stock, and said to be a preventive of cholera. The tops cut and cured like fodder, make excellent forage; we consider it a most valuable crop, and those who raise hogs cannot afford to be without it. Pk., 40 cts.; bu., \$1.25; special prices in large quantities.



ARTICHOKES

Japanese Buckwheat

This is a profitable crop for either grain, flower food for bees, soil enricher, or to kill out weeds. Splendid for poultry. Sow 1 bushel to the acre in June, July or August. Price on request.



WOODS PROLIFIC BUSH LIMA

Vetches

A nutritious and valuable forage and soil-improving crop. Large and quick growth. Sow 25 pounds to the acre., with Rust-Proof Oats. Per lb., 9 cts.; 25 lbs. at 8 cts. Large quantities quoted on application.

HAIRY SAND, OR WINTER VETCH—Sow from July to November, preferably with grain, which will hold Vetch off the ground. Sow 40 pounds to the acre. Write for price.



SPRING VETCHES

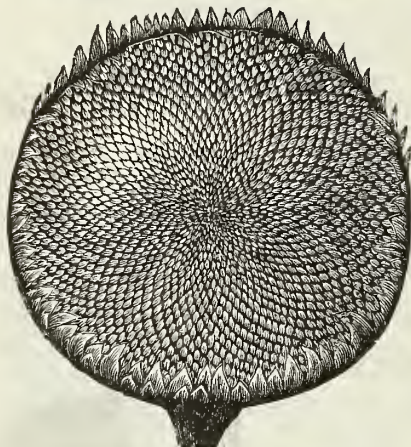
Peanuts

Plant in May, 12 inches apart, in 3-foot drills. Cultivate flat, keep well worked. Peanuts should be shelled before planting.

SPANISH—Nuts small, and have a thin hull, full kernel, and yield enormously. The vines and roots make excellent food for stock. In the hull, per lb., 10 cts.; 10 lbs. at 8 cts.; 100 lbs., \$6.00.

Shelled, per lb., 20 cts.; 10 lbs. at 15 cts. Write for prices in large quantity.

VIRGINIA JUMBO—A large variety of the well-known Virginia Peanut. In the hull, per lb., 10 cts.; 10 lbs. at 8 cts.; 100 lbs., \$7.00.



Mammoth Russian Sunflower

This is highly prized by poultry raisers and farmers as a cheap food for fowls. It is immensely productive, and can be raised cheaper than corn, as any waste piece of ground will suffice. It is a good egg producing food. Per lb., 10 cts.; 10 lbs. at 9 cts. per lb.

Spanish Chufas

A nut grass especially recommended for feeding hogs—after the crop is made the hogs may be turned on them for feeding. Plant in rows 2½ feet apart, 15 inches apart between the hills. Should be planted in May or early June. Per lb., 15 cts.; 10 lbs. at 10 cts.; 100 lbs., \$9.00.

Nursery Stock

We have a complete Special Catalogue of Nursery Stock of all kinds, including all kinds of Fruit, Ornamental and Shade Trees, Grape Vines, Berry Plants, etc. Mailed free on request. If you are in need of Nursery Stock be sure and write for one.

Poultry Foods and Supplies

GLOBE POULTRY FOOD—This is scientifically prepared by practical poultry experts to meet all the demands of growing and full-grown fowls.

Only materials that grade in every respect up to our high standard are used—carefully selected cracked and whole grains and seeds, sunflower, oil cake, buckwheat and charcoal, sifted and re-cleaned until they are entirely free from dust and chaff. Globe Scratch Feed is a complete and balanced ration for grown fowls in all seasons. 10 lbs., 25 cts.; 25 lbs., 60 cts.; 50 lbs., \$1.15; 100 lbs., \$2.10; 500 lbs., \$2.05 per 100 lbs.; 1,000 lbs., \$2.00 per 100 lbs.

We also offer this Food without grit and shells mixed in it at \$2.20 per 100 lbs.; 500 lbs., at \$2.15 per 100 lbs.; 1,000 lbs., \$2.10 per 100 lbs.

GLOBE DEVELOPMENT FOOD—Has the same ingredients as the Globe Poultry Food, except it is ground finer for chickens from 4 weeks old and up. 8 lbs., 25 cts.; 25 lbs., 65 cts.; 50 lbs., \$1.25; 100 lbs., \$2.35.

GLOBE CHICK FOOD—A complete grain feed for chicks up to 8 weeks old. It is a standard mixture of re-cleaned cracked grains and seed, hulled oats, fine granulated bone and fine charcoal. It produces healthy and rapid growth, and is intended for feeding until the chickens are large enough to be fed the Colonial or Globe Scratch Feed. A trial will demonstrate its feeding value. 8 lbs., 25 cts.; 25 lbs., 70 cts.; 50 lbs., \$1.25; 100 lbs., \$2.30; 500 lbs., at \$2.25; 1,000 lbs., at \$2.20 per 100 lbs.

QUEEN POULTRY MASH—A selected mixture of ground feeds, manufactured from the choicest sound, sweet and wholesome grains. It is carefully prepared and contains ingredients in proper proportions essential to the health and growth of the fowl.

It is a splendid bone builder and especially helpful during the moult. Also contains beef scraps and charcoal, recognized necessities for health and egg production.

This mixture is especially formulated to meet the demands for a high-grade mash feed, and is suitable for either the morning, noon or evening meal, whichever method preferred, or may be kept before the fowls in a hopper in a dry form, and they will eat only as much as they need.

Mix with warm water during the cold weather, and feed crumbly. 10 lbs., 25 cts.; 25 lbs., 60 cts.; 50 lbs., \$1.10; 100 lbs., \$2.10.

KING PIGEON FOOD—Right feeding of pigeons is considered something of a problem. Most raisers do not understand either the pigeon or its feeding as well as they do poultry. The true fancier—the man who raises birds for their beauty, for the show, for the pleasure there is in it, or for sporting—finds in King Pigeon Feed a combination suited to his needs.

The seeds are especially chosen for pigeon feeding. Only those that have proven to be best adapted for this particular purpose are used. These include various grains, cracked and whole; peas and seeds, all clean, well matured, and always of a size so that the birds, young or old, are able to use every particle of it. 7 lbs., 25 cts.; 25 lbs., 75 cts.; 50 lbs., \$1.30; 100 lbs., \$2.40, without grit or shells mixed in it, per 100 lbs., \$2.50; 500 lbs., at \$2.40 per 100 lbs.

ALFALFA MEAL—This is Alfalfa Clover, cured green and cut fine for poultry. To be fed in a mash, can be used alone or mixed with other mash food. It is an excellent substitute for green grass. 10 lbs., 25 cts.; 25 lbs., 55 cts.; 50 lbs., 95 cts.; 100 lbs., \$1.75; 500 lbs., at \$1.70.

RARVA MEAT MEAL—A pure lean-beef fibre, carefully dried while fresh, and will keep indefinitely. Its thorough dryness and the entire absence of any taint or unpleasant odor make it a most excellent form of food for chickens and other fowls, as also for dogs. It is excellent for hopper feeding and may be mixed and fed in a mash to great advantage. It contains 85 per cent. protein and 7 per cent. fat, and is clean and free of all preservatives and chemicals. 10 lbs., 50 cts.; 25 lbs., \$1.10; 50 lbs., \$2.10; 100 lbs., \$4.00.

PURE BEEF SCRAPS—An excellent egg-making winter feed for fowls. 5 lbs., 25 cts.; 25 lbs., 90 cts.; 50 lbs., \$1.60; 100 lbs., \$3.00; 500 lbs., at \$2.90.

CRUSHED OR GRANULATED BONE—Splendid to be used in connection with other feeds to increase egg production; to be fed dry just as it is either in a hopper or to be scattered about as a scratch food. It is clean and dry, and will not sour. No. 2 for grown fowls, No. 3 for chicks and pigeons; No. 4 or Bone Meal for baby chicks. 6 lbs., 25 cts.; 25 lbs., 80 cts.; 50 lbs., \$1.45; 100 lbs., \$2.75.

CRUSHED OYSTER SHELLS—Indispensable for successful poultry keeping, as it aids digestion and the formation of egg shells. It is best to have it where the fowls can get at it all the time, as they will not eat any more than they need. In ordering please state whether the "fine" size is wanted for chicks and pigeons, or the "regular" size for grown fowls. 6 lbs., 10 cts.; 25 lbs., 25 cts.; 100 lbs., 55 cts.; ton. \$8.00.

STERLINGWORTH SALT CAT—This is a scientific combination of those aromatic and tonic properties contained in such seed and roots as gentian, anise, coriander, etc., combined with sulphur, charcoal, limestone, salt, bone and other materials that are generally recognized by pigeon keepers as aiding digestion, promoting good health and egg production in pigeons and game fowls; and is unequalled for keeping pigeons in vigorous health. Pigeon keepers who have used it give it an excellent recommendation. Price: Per brick, 10 cts. (mailing weight, 17 oz.); per doz., \$1.00 (mailing weight, 13 lbs.).



POULTRY FOODS—Continued.

PEARL POULTRY GRIT—Manufactured especially for poultry. It is essential in the poultry yard, to keep fowls in a healthy condition. Size No. 1 for small chickens and pigeons; size No. 2 for grown fowls. 10 lbs., 15 cts.; 25 lbs., 30 cts.; 100 lbs., 60 cts.; ton, \$10.00.

D. & B.'S CHARCOAL—We have had this charcoal put up for us to meet the demand for an evenly graded charcoal, free from dust and useless dirt, and it is the best poultry charcoal manufactured.

Charcoal aids digestion, promotes health, and is generally corrective of many of the poultry ills to which fowls are heir. A little charcoal goes a long way and is worth its weight in gold. No poultryman can afford to be without it. It is put up in three sizes—Fine: For chicks. Medium: For half-grown fowls and pigeons. Coarse: For full-grown fowls. Prices: 2-lb. cartons, printed with directions for feeding, 10 cts. each; 10 lbs., 40 cts.; 50-lb. sacks, \$1.00 each.

POULTRY MUSTARD—Prepared for poultry use, especially recommended for use during moulting season; keeps fowls in a healthy condition and increases the egg production. 1½-lb. pkg., 40 cts.; (mailing weight, 2 lbs.); 3-lb. pkg., 70 cts. (mailing weight, 4 lbs.); 5-lb. pkg., \$1.10 (mailing weight, 6 lbs.)

BLOOD MEAL—Splendid for poor, weakly fowls, also for calves and hogs, but too rich to feed much at a time. 10 lbs., 60 cts.; 20 lbs., \$1.00; 100-lb. sack, \$4.00.

KAFFIR CORN—Splendid for growing or grown fowls, and a good feed. 10 lbs., 25 cts.; 100 lbs., \$1.75.

MILLET—A splendid food for baby chicks. 10 lbs., 40 cts.; 50 lbs., \$1.70; 100 lbs., \$3.25.

WHEAT—For poultry feeding. Per pk., 40 cts.; bu., \$1.30.

CRACKED CORN—50 lbs., \$1.00; 100 lbs., \$1.90.

COARSE GROUND CORNMEAL—50 lbs., \$1.00; 100 lbs., \$1.90.

WHITE FEED CORN—Pk., 30 cts.; bu., \$1.00.

YELLOW FEED CORN—Pk., 30 cts.; bu., \$1.00.

WHEAT BRAN—100-lb. sack, \$1.50.

SHIPSTUFF—100-lb. sack, \$1.60.

COTTON-SEED MEAL—100 lbs., \$2.10; ton price on application.

LINSEED MEAL—100 lbs., \$2.40; ton price on application.

SUNFLOWER—Rich food for grown fowls and parrots. Per lb., 10 cts.; 10 lbs., 80 cts.; 100 lbs., \$7.50.

CANADA FIELD PEAS—A good food for poultry and pigeons. 10 lbs., 45 cts.; bu., \$2.75.

HEMP SEED—For pigeons, parrots and poultry. 1 lb., 10 cts.; 3 lbs., 25 cts.; 10 lbs., 60 cts.; 100 lbs., \$5.00.

BIRD RAPE—10 cts. lb.; 3 lbs. for 25 cts.

CANARY SEED—Per lb., 10 cts.; 3 lbs., 25 cts.

MIXED BIRD SEED—10 cts. lb.; 3 lbs., 25 cts.

CUTTLE FISH BONE—40 cts. lb.

FLAXSEED—1 lb., 7 cts.; 10 lbs., 60 cts.; 100 lbs., \$5.00.

"D. & B.'S" LICE KILLER.

This is a fluid of such strength and so compounded that the gaseous vapor given off by it kills lice, mites and similar insects without coming in contact with them, and is not injurious to fowls, animals or poultry. It is very efficacious for destroying lice on fowls of all kinds, horses, cattle and hogs. It also kills lice on roses and other flowering plants. It may be applied with an ordinary hand sprayer, or a white-wash brush. We recommend the use of our glass tank sprayer. One quart bottle, 25 cts.

CONKEY'S POULTRY REMEDIES.

These reliable remedies are well known and are guaranteed to cure when used according to directions. Our rapid increasing sales prove the efficiency of these valuable remedies. Pamphlet mailed free on request.

CONKEY'S CHOLERA REMEDY—50 cts. per package, postpaid.

CONKEY'S ROUP REMEDY—25 cts. and 50 cts. per package, postpaid.

CONKEY'S GAPE REMEDY—50 cts. per package (mailing weight, 2 lbs.).

CONKEY'S LAYING TONIC—25 cts. and 50 cts. per package (mailing weight, 2 lbs.).

CONKEY'S SCALY LEG REMEDY—50 cts. per package (mailing weight, 1 lb.).

CONKEY'S CHICKENPOX AND SORE HEAD REMEDY—25 cts. and 50 cts. per package (mailing weight, 1 lb.).

CONKEY'S BRONCHITIS REMEDY—50 cts. per package, postpaid.

CONKEY'S POULTRY WORM REMEDY—25 cts. and 50 cts. per package (mailing weight, 2 lbs.).

CONKEY'S LICE POWDER—5-oz. package, 10 cts. (mailing weight, 1 lb.); 15-oz. package, 25 cts. (mailing weight, 2 lbs.); 48-oz. package, 50 cts. (mailing weight, 4 lbs.).

CONKEY'S LIQUID LICE KILLER—35 cts. per qt. can.

CONKEY'S WHITE DIARRHOEA REMEDY—50 cts. package, postpaid.

CONKEY'S POULTRY TONIC—25 cts. package (mailing weight, 1 lb.).

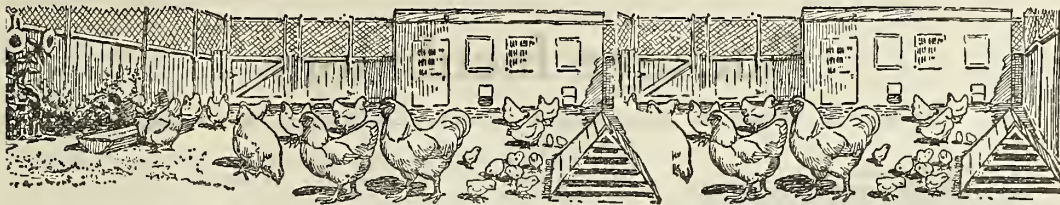
CONKEY'S LIMBER NECK REMEDY—50 cts. package (mailing weight, 1 lb.).

Sal-Vet

A medicated Salt which rids all stock of stomach and intestinal worms, aids digestion and prevents cholera and other diseases.

10-lb.	pkg.....	\$ 75
20-lb.	pkg.....	1 25
40-lb.	pkg.....	2 25
100-lb.	keg.....	5 00
200-lb.	bb1.....	9 00
300-lb.	bb1.....	13 00





There is a **Pratts** Remedy for nearly every curable poultry or animal disease—guaranteed to satisfy you or your money back.



Healthy birds and lots of eggs, the two big things in poultry raising are made certain by giving

PRATTS POULTRY REGULATOR.

100 lb. bags, \$9.00; 25 lb. pail, \$2.50; 12 lb. pail, \$1.25; packages, 50c. (Post wt. 5 lbs.), 25c (Post wt. 3 lbs.).

It builds up vitality, insures sound digestion, sharpens appetite and prevents disease, thus putting birds in condition for heavy egg laying or winning blue ribbons.

Pratts is the original Poultry Regulator of America and is in use by the most successful poultry raisers everywhere.

When regularly used, hens lay throughout the year.

It will prevent chicken cholera, gapes, roup, rheumatism, expel worms, prevent leg weakness and egg eating. It will greatly improve turkeys, geese, ducks, pigeons and guineas—insuring quick growth and keep them free from disease.



Get rid of lice on your poultry, in nests, dustbaths, incubators and elsewhere in a day's time by using

Pratts

POWDERED LICE KILLER

50c Pkg. (Post wt. 3 lbs.) and 25c Pkg. (Post wt. 2 lbs.).

Effective, non-poisonous, non-irritating. May be used wherever a powder is suitable. A splendid deodorizer.

It quickly and thoroughly kills all lice on little chicks, big chicks, setting hens and incubator chicks.

It rids horses, cattle, hogs, dogs and cats of lice, and destroys ticks on sheep. It destroys insects and bugs on vines, plants and flowers. A valuable deodorizer and disinfectant for all poultry houses, barns, stables and dwellings. Drives out moths from closets, furniture, carpets and clothing.



When baby chicks come, keep them healthy and growing, and bring even the weak ones along by feeding

Pratts

BABY CHICK FOOD

14 lbs. for \$1.00. Packages 50c (Post wt. 8 lbs.), 25c (Post wt. 4 l. s.).

A largely pre-digested baby food for baby chicks. Guaranteed to raise every livable chick. Costs a cent a chick for three weeks. Prevents leg weakness, white diarrhoea, "pasting up" and other chick diseases.



Pratts White Diarrhoea Remedy, 50c (Post wt. 1 lb.) and 25c (Post wt. 4 oz.).

Pratts Sore Head and Chicken Pox Remedy, 50c and 25c (Post wt. 1 lb.).

Pratts Cholera Remedy, 50c and 25c (Post wt. 1 lb.).

Pratts Roup Remedy Tablets or Powder, \$1.00; 50c and 25c (Post wt. 1 lb.).

Pratts Poultry Disinfectant, \$1.00 gallon; 35c quart.

Pratts Animal Regulator, 25 lb. pails \$3.00, packages \$1.00, 50c (Post wt. 4 lbs.) and 25c (Post wt. 2 lbs.).

Pratts Head Lice Ointment, 25c (Post wt. 1 lb.).

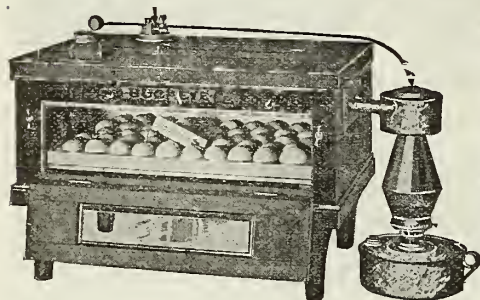
Pratts Sealy Leg Remedy, 25c and 50c (Post wt. 1 lb.).

Pratts Gape Remedy, 25c and 50c (Post wt. 1 lb.).



Buckeye Incubators

We are the Authorized Agents for the Celebrated Buckeye Incubators.



These are hot-water machines, well made and easy to operate. Owing to the satisfactory operation and the moderate price at which they are sold, there are probably more Buckeye Incubators in use today than any other make.

These machines are sold under an absolute guarantee and with good treatment will last for years. They are so simple that a beginner can operate them without any previous experience. These Incubators are equipped with every desirable device that can possibly add to Incubator efficiency and are pronounced by experts to be the world's best hatchers.

Full descriptive and illustrated catalogue mailed free on request. If interested in Incubators, be sure and ask for one.

		Price.
No. 14—Style E (short legs).....	60 Egg Capacity	\$ 7.50
No. 15—Style H.....	60 Egg Capacity	9.50
No. 16—Style E.....	110 Egg Capacity	12.50
No. 17—Style E.....	200 Egg Capacity	17.50
No. 60—Standard.....	60 Egg Capacity	13.50
No. 1—Standard.....	110 Egg Capacity	17.50
No. 2—Standard.....	175 Egg Capacity	22.50
No. 3—Standard.....	250 Egg Capacity	28.50
No. 4—Standard.....	350 Egg Capacity	33.50
No. 5—Standard.....	600 Egg Capacity	50.00

Buckeye Hovers and Brooders

No. 75 Klose-Kontakt Portable Hover (capacity 50 to 75 chicks).....	\$ 7 50
No. 150 Klose-Kontakt Portable Hover (capacity 125 to 150 chicks).....	9 50
No. 1 Indoor Brooder.....	7 50
No. 2 Outdoor Brooder.....	12 00
No. 3 Indoor Brooder.....	10 00
No. 5 Indoor Lampless Hover.....	2 00
No. 6 Indoor Lampless Hover.....	3 00

Buckeye Kant-Krowd Hover

This Hover is all that the name implies—and more. It is a hover that possesses every desirable qualification for the welfare of the little chicks and the convenience of the poultryman.

It proves every ideal condition, and its construction is so simple that its operation becomes a pastime instead of a burden.

There is nothing to adjust, nothing to get out of order, nothing to look after but the lamp—and that requires refilling every 48 hours.

It is simple, safe, fireproof, liceproof, foolproof, convenient, economical, practical, sanitary and durable; is warmest at the curtain. The chicks can't crowd. It is portable, just drop it anywhere and light the lamp. Illustrated pamphlet on request. Price, \$8.50.

Standard Colony Brooder Stove

Broods 100 to 1,500 chicks; burns hard coal or gas. It is self-feeding and self-regulating; saves labor, time and fuel. Price, \$15.00.

Hanover County, Va., December 20, 1915.
I am very much pleased with your Poultry Feed, and expect to buy from you often all the year.

Yours truly,
B. B. PERKINS.

We have a few good Incubators and Brooders slightly used and shop-worn which we offer as below until sold. This is an unusual opportunity to get good machines at a great saving until sold.

All are Hot Air Machines.

INCUBATORS.

	Price	Original Price		Price	Original Price
64-Egg Cornell.....	\$ 9 00	\$14 00	50-Egg Bantam.....	\$ 5 00	\$11 00
128-Egg Cornell.....	12 00	20 00	120-Egg Bantam.....	12 00	18 50
364-Egg Cornell.....	25 00	37 00			

BROODERS.

No. 2 Peep O Day Brooder (for indoor or outdoor use), capacity 75 to 100 chicks. .	7 50	12 00
No. 3 Peep O Day Brooder (for indoor or outdoor use), capacity 50 chicks.....	5 00	7 50
No. 4 Peep O Day Brooder (for indoor use only), capacity 50 chicks.....	5 50	8 50
No. 6 Peep O Day Brooder (for indoor or outdoor use), capacity 100 chicks.....	10 00	14 50
New Homestead (outdoor), capacity 100 chicks.....	8 00	12 00
New Standard (outdoor), capacity 100 chicks.....	7 50	9 00

Poultry Appliances

NORWICH AUTOMATIC EXERCISER AND FEEDER.

We are the State agents and distributors for the Norwich Automatic Exerciser and Feeder.

The machine consists of a Hopper sufficiently large to carry a given quantity of grain feed, in the bottom of which is fitted an adjusting valve, which is set to allow such quantities of feed to escape from the Hopper as may be desired. Directly under the valve is located the Deflector, and the feed, passing from the Hopper through the valve, falls at once to the Deflector, and by it is scattered on the ground or floor in a wide, even circle. The Bait Bar (which is the cross-piece under the Deflector resembling an ear of corn) is connected by adjustable rod with a small agitating disk which performs the double duty of acting as a stop to the valve, and stirring up the feed about to be delivered. The machine, as will be observed, is mounted on three adjustable legs so it will stand in any yard whether level or located on a hill-side, and may be used alike for baby chicks fresh from the incubator or the adult fowl, by simply lengthening or shortening the legs as desired.



FEEDER IN OPERATION

We offer our Norwich Automatic Exerciser and Feeder on the *positive guarantee* that it will—

- 1st. Pay for itself in the actual saving of grain in ninety days, at the present price of grain.
- 2d. That it is absolutely Rat and Bird proof.
- 3d. That it is positively Rain and Damp proof, and the enormous loss of grain from feed becoming damp by laying on the ground over night will be eliminated.
- 4th. That every kernel of grain put in the Hopper will go into your flock and not a grain of it will be lost from any cause. (Fire excepted.)
- 5th. That the labor of feeding beyond filling the Hoppers when empty (the intervals depending on size of machine used) will be eliminated. "Fill up the Hopper and the birds do the rest." On large plants this feature will at once be appreciated, as one boy will do the feeding for 1,000 pens.

For further information ask for pamphlet.

Shipping Weight.

No. 1— 8-Quart Hopper—13 lbs.....	\$2 50
No. 2—14-Quart Hopper—15 lbs.....	3 25
No. 3—20-Quart Hopper—20 lbs.....	4 00
No. 4—32-Quart Hopper—27 lbs.....	5 00

Five or more at one order, 5 per cent. discount.

APACO—Automatic—This Feeder works on the same principle as the Norwich Automatic, except it must be hung up when in operation, as it has no legs to stand on. Holds 1 peck. Price, only \$1.00 each.

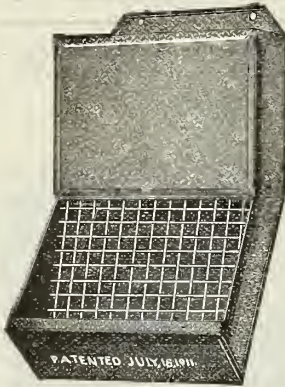
MANN'S GREEN BONE CUTTER—Unquestionably the best Bone Cutters on the market, and we recommend them with entire confidence.

No. 5 C—With crank handle, \$6.00.

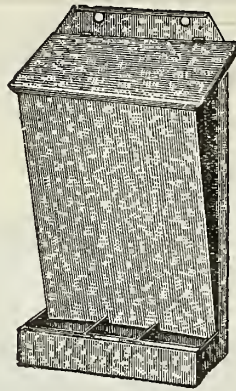
No. 5 B—With balance wheel, \$8.00.

No. 5 B. M.—With balance wheel, mounted on iron stand, \$10.40.

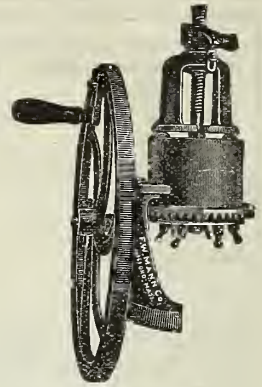
No. 7—The best and most economical size to buy for a yard of 100 hens or more, \$12.00. Larger sizes quoted on application. Complete pamphlet mailed free.



SEXTON'S DRY FOOD HOPPER.



GRIT, SHELL AND CHARCOAL BOXES.



BONE CUTTER

GALVANIZED IRON DRINKING FOUNTAIN—Has funnel-shaped reservoir top with pan at the bottom to hold water. Price: 1 qt., 25 cts. (mailing weight, 1 lb.); 2 qt., 30 cts. (mailing weight, 1 lb.); 4 qt., 40 cts. (mailing weight, 2 lbs.); 8 qt., 50 cts. (mailing weight, 4 lbs.).

GALVANIZED WALL DRINKING FOUNTAIN—A one-piece fountain with handle on top. 2 qt., 30 cts. (mailing weight, 2 lbs.); 1 gal., 50 cts. (mailing weight, 2 lbs.); 2 gal., 75 cts. (mailing weight, 3 lbs.).

EARTHENWARE DRINKING FOUNTAINS—These are two-piece fountains with drinking basin at bottom. 1 qt., 20 cts. (mailing weight, 3 lbs.); 2 qt., 25 cts. (mailing weight, 5 lbs.); 4 qt., 35 cts. (mailing weight, 9 lbs.); 8 qt., 50 cts. (mailing weight, 17 lbs.).

EARTHENWARE WALL DRINKING FOUNTAINS—This is a one-piece fountain with handle on top. 2 qt., size, 30 cts. (mailing weight, 5 lbs.); 4 qt., size, 50 cts. (mailing weight, 8 lbs.); 8 qt., size, 60 cts. (mailing weight, 12 lbs.).

SEXTON'S DRY FOOD HOPPERS—With wire screen in front. Mice and rain proof. 4 qt. size, 75 cts. (mailing weight, 4 lbs.); 8 qt. size, \$1.00 (mailing weight, 6 lbs.).

GRIT, SHELL AND CHARCOAL BOXES—3 partitions, 50 cts. (mailing weight, 3 lbs.).

2 PARTITIONS DRY FOOD HOPPER—75 cts. (mailing weight, 4 lbs.).

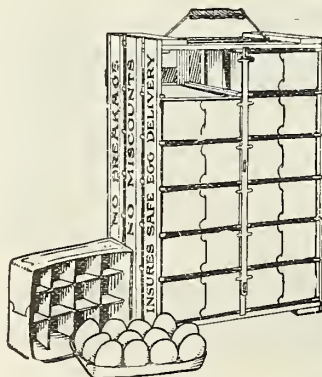
BABY CHICK FEEDERS—A round metal Feeder holding 2 qts.; keeps feed clean and prevents waste; 50 cts. each (mailing weight, 2 lbs.).

POULTRY FOOT PUNCHES—35 cts. each, postpaid.



BABY CHICK FEEDERS.

FARMERS' MODERN EGG CARRIERS—A handy and convenient carrier for marketing eggs. Can be carried by hand or shipped by express. Trays hold 1 dozen each. 8-dozen Carrier, \$1.00 each (mailing weight 6 lbs.); 12-dozen Carrier, \$1.25 each (mailing weight 8 lbs.); 18-dozen Carrier, \$1.75 each (mailing weight 11 lbs.).



FARMER'S EGG CARRIER

PARCEL POST EGG BOXES—Made of strong corrugated paper, will carry eggs safely by parcel post or express; can be used repeatedly. 1-doz. egg size, 7 cts. each, 60 cts. doz. (mailing weight 1 lb. each); 2-doz. size, 10 cts. each, 90 cts. doz. (mailing weight 2 lbs. each); 3-doz. size, 12 cts. each, \$1.15 doz. (mailing weight 2 lbs. each); 4-doz. size, 15 cts. each, \$1.50 doz. (mailing weight 3 lbs. each).

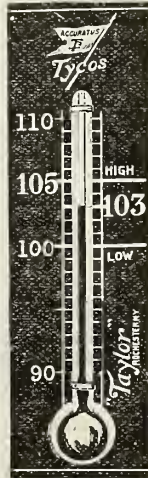
PASTEBOARD EGG BOXES—For holding 1 doz. eggs, neatly packed; per doz., 10 cts. each; 75 cts. per 100 (mailing weight 2 lbs. to 1 doz.).

STAR EGG CARRIERS—A handy wooden case, holding 1 dozen eggs—easy to handle, avoids breakage and miscouunts. 25 cts. each (mailing weight 1 lb.); \$2.50 dozen (mailing weight 13 lbs.).

STANDARD EGG TESTERS—Price, 25 cts. (mailing weight 4 oz.).

TYCO INCUBATOR THERMOMETERS—Adjustable, can be used in any machine. Price, 60 cts. (mailing weight 4 oz.).

BROODER THERMOMETERS—Price, 50 cts. (mailing weight 3 oz.).



KNOX MEDICATED NEST EGGS—5 cts. each (mailing weight 4 oz.); doz., 50 cts. (mailing weight 2 lbs.).

PORCELAIN NEST EGG—2 for 5 cts. (mailing weight 1 lb.); 20 cts. doz. (mailing weight 1 lb.).

LIME NEST EGGS—5 cts. each; 40 cts. doz. (mailing weight 2 lbs.).



LEADER LEG BAND

DOUBLE CLINCH ALUMINUM LEG BANDS—Made in all sizes from pigeons to largest fowls. Numbered consecutively from 1 to 100.

Write what breed of fowls wanted for and we will send proper size. Doz., 15 cts.; per 100, 75 cts., postpaid.



LEADER ALUMINUM LEG BANDS—Adjustable, and can be made in different sizes to fit the fowls. Numbered consecutively from 1 to 100.

No. 1—For small breeds.

No. 2—For large breeds, 15 cts. doz.; 100, 75 cts., postpaid.

COLORED ALUMINUM LEG BANDS—These have large, bright, fast-colored numbers in different colors, which can be easily seen without catching the fowls; they are adjustable to fowls of all sizes. Per doz., 35 cts.; per 100, \$2.00, postpaid.

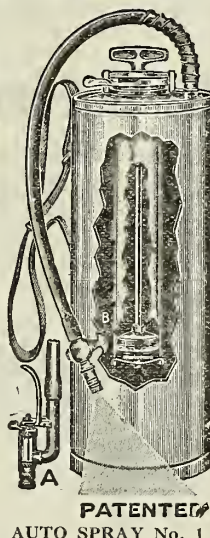
COLORED CELLULOID LEG BANDS—Made in ring form; all sizes; easily adjusted. Are not numbered. Write what breed of fowls wanted for and we will send proper size. Mention colors wanted. 15 cts. doz.; 75 cts. 100, postpaid.

Pumps and Spraying Devices

AUTO SPRAY No. 1—Accepted as the standard in compressed air sprayers and fully guaranteed by the manufacturers. Useful in every variety of spraying, trees, crops, whitewash and disinfectants. Recommended not alone because of its durability, but for its efficiency, which is far ahead of any other machine of this style.

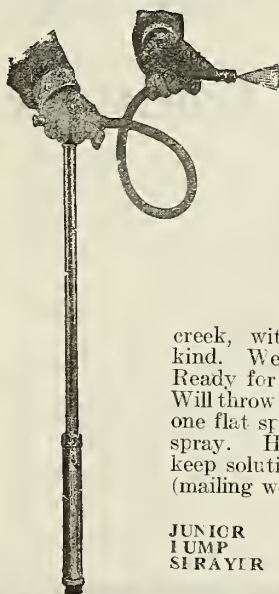
Auto Pop No. 1, the only self-cleaning nozzle and operates automatically.

- A—Brass tank with stop cock.....\$7 25
- B—Brass tank with Auto Pop No. 1.... 7 75
- C—Galvanized tank with stop cock..... 5 00
- D—Galvanized tank with Auto Pop No. 1. 5 50
- 2-ft. brass extension, per length..... 50



PATENTED

AUTO SPRAY No. 1



JUNIOR PUMP SPRAYER—This pump requires no fastening of any kind, holds itself down and works anywhere. Everything except handle and hose are solid brass. Is the easiest working and will do more different kinds of work than any pump made. Will pump from a pail, barrel, tank, spring or creek, without fastening of any kind. Weighs only three pounds. Ready for instant use everywhere. Will throw solid, continuous stream, one flat spray and one fine, round spray. Has automatic mixer to keep solution stirred. Price, \$3.00 (mailing weight 3 lbs.).

JUNIOR
PUMP
SPRAYER

AUTO SPRAY No. 5—This is a splendid spray pump for general use. It may be used for spraying trees, vines and any field or garden truck. Is made entirely of brass, double acting, or makes continuous spray. Will make either single stream or spray. Can be used for washing windows, carriages, etc. Price, with hose, nozzle and strainer complete, \$4.50.

BUCKET PUMP SPRAYER—Made of brass, and can be used in any bucket or tub; is held in position with foot, and pumped by hand; used both for whitewashing and spraying. Price, \$2.75.



AUTO SPRAY No. 5

It's Double Acting
The Same Spray With Half The Labor

THE "EASY" COMPRESSED AIR SPRAYER.

The only one of its kind on the market. Strong, durable, when pumped slowly gives a continuous spray.

Has a large and strong pump, automatic shutoff nozzle. Can be used for white-washing, disinfecting and cleaning chicken houses, and is very desirable for gardens, etc. It is built of galvanized steel. Holds one gallon. Each, \$2.25 (mailing weight 3 lbs.).



PERFECTION COMPRESSED AIR SPRAYER—A knapsack sprayer, made of galvanized iron. Throws a continuous spray; holds 5 gallons. Price, \$6.00.

Same sprayer, made of brass. Price, \$7.00.

IDEAL SPRAYER—This sprayer is mounted on a wheelbarrow frame, can be rolled from place to place, has strong force pump, and by using extension pipe can spray on the ground or any distance up to 30 feet high. Tank holds 15 gallons. Price, \$20.00.

BUCKET DUSTERS—Has perforated bottom for applying dry powder poisons on vegetables; 2-qt. size, 30 cts.; 4-qt. size, 40 cts. (mailing weight of each size, 2 lbs.).



DICKEY DUSTERS—A small long cylinder duster for applying dry powder on plants. 25 cts. each (mailing weight 1 lb.).

ACRE AN HOUR SIFTER—A strong, 1-gallon-size, bucket shaped duster, with stationary handles, has perforated bottom for sifting powders on plants. 50 cts. each (mailing weight 1 lb.).



GLASS TANK SPRAYER—Solution tank is a one-quart Mason Glass Fruit Jar. Price, 60 cts. each (mailing weight 3 lbs.).

LOWELL COMPRESSED AIR SPRAYER—A 5-gallon knapsack sprayer, made of galvanized iron. Price, \$6.00.

1-QUART CONTINUOUS HAND SPRAYER—Made of tin, has two nozzles and will spray either straight or up under the leaves. Price, 75 cts. (mailing weight 2 lbs.).

Sundry Articles for the Gardener's Use

DANDELION WEED KILLER—A brass tube, to be filled with gasolene or kerosene oil and injected into the roots of the weeds. It inserts a few drops of oil, which kills the plant. Price, \$1.00.

THREE-PRONG HAND WEEDERS—15 cts. each (mailing weight 4 oz.).

GARDEN TROWEL—Made of the best steel. 25 cts. each (mailing weight 1 lb.).

GARDEN LINE—50 feet long. 25 cts. (mailing weight 1 lb.).

JUTE TWINE—For bunching vegetables, tying up tomatoes, grape vines, etc.; 2-ply or 3-ply. 16 cts. lb.; 5 lbs. and over, at 15 cts.

BINDER TWINE—Standard, 5-lb. ball, 70 cts.; 50-lb. bale, \$6.00.

HOT BED SASH—Open sash (without glass), cypress, grooved, or rabbited; \$1.00 each.

GLASS FOR HOTBED—Per box of 150 lights 6x8, \$2.50; per box of 90 lights, 8x10, \$2.50.

BERRY BASKETS—1,000 to the crate; pint size, oblong, per 100, 50c; per 1,000, \$3.75. Quart size, square, per 100, 50 cts.; per 1,000, \$3.75. Quart size, oblong, per 100, \$1.00; per 1,000, \$8.00. 2-quart size, oblong, per 100, \$1.00; per 1,000, \$9.00. 3-quart size, oblong, per 100, \$1.25; per 1,000, \$10.00. 4-quart size, oblong, per 100, \$1.25; per 1,000, \$10.00.

ASPARAGUS KNIVES—40 cts. each (mailing weight 6 oz.).

BARKER'S WEEDER AND MULCHER—This hand weeder is made on the order of a roller, and cuts every sprig of grass and weeds and mulches and pulverizes the ground at one operation. Especially recommended for cultivation of onions and other small vegetables. 6-in. width, \$4.00; 8½-in. width, \$4.75; 11-in. width, \$5.00.

STERLINGWORTH PLANT TABLETS

A NEW INVIGORATOR FOR HOUSE PLANTS AND VEGETABLES

STERLINGWORTH PLANT TABLETS are a clean, odorless, concentrated, plant stimulant and invigorator. Their use promotes healthy, vigorous leaves and branches, and insures beautiful, luxuriant flowers. They build up the soil scientifically, and make frequent renewal of soil less important. The large amounts of waste matter in what is commonly known as "liquid manure," and "bone plant foods," which pollute the soil, and are many times accompanied by disagreeable odors, are absent in these excellent stimulating tablets. If you want luxuriant, healthy plants, ferns and beautiful flowers, these tablets are just what you are looking for.

PRICES: Large box (250 tablets) sufficient for 35 plants 8 months, 50c postpaid medium, (100 tablets) sufficient for 35 plants 3 months, 25c postpaid; trial size, 10c.



Insecticides

Poisons Cannot be Sent by Parcels Post

HAMMOND'S SLUG SHOT—A very effective and one of the cheapest and best powders for destroying insects. 5-lb. pkg., 30 cts.; 100-lb. lots, at 5 cts. per lb. Filled 1-lb. canisters, with perforated top ready for dusting on, 15 cts. each.

Pamphlet giving full information mailed on request.



STERLINGWORTH LIQUID BORDEAUX

It is a remedy and preventive for treating certain fungous diseases. It controls and prevents certain scab, leaf spots and sooty mould of the apple, and many of the rusts, leaf blights of currant and gooseberry, celery and pear blight, also many fungous diseases, blights and leaf spots that attack shade trees. Prices: 1 qt., 35 cts.; 1 gal., \$1.00; 5 gal., \$4.00.

BORDEAUX MIXTURE—In powdered form to be diluted. Full directions on each pkg. 1-lb. pkg., 25 cts.; 5-lb. pkg., \$1.00; 10-lb. pkg., \$1.75.



Pat. March 16 and Nov. 9, 1897.
Pat. in Canada Nov. 2, 1897,
and Jan. 25, 1900.

BUG DEATH—

A safe and sure insect destroyer. Will not burn the vine or leaf. Promotes growth and increases yield. Harmless to animals. Safe to handle. Will not wash off. If desired, may be mixed with water, using $\frac{1}{4}$ lb. Bug Death to 1 gallon water. Lb., 15 cts.; 3-lb. pkg., 35 cts.; 5 lbs., 50 cts.; 12 $\frac{1}{2}$ lbs., \$1.00; 100-lb. keg, \$7.50.



STERLINGWORTH FISH OIL SOAP

Makes an excellent wash for trees and plants where insects and eggs affect the bark, and for smearing on the trunks of

trees to prevent worms from crawling up. 1 lb., 15 cts.; 5 lbs., 60 cts.

LEMON OIL INSECTICIDE—For destroying mildew and insects on house plants, poultry and pet stock. $\frac{1}{2}$ -pt. can, 25 cts.; 1-qt. can, 40 cts.

STERLINGWORTH CUT WORM KILLER—It is a coarse powder for sprinkling near the plants to be protected. It has an enticing odor and the worms prefer it to vegetation. It is non-poisonous and chickens or birds will not be poisoned if they eat the worms killed by it. Price: 1 lb., 25 cts.

PARIS GREEN—Is effectual for destroying potato bugs and other insects. Is a very strong poison, and should be used carefully. Mix 1 lb. Paris Green to 50 lbs. of plaster or with water 150 gallons. $\frac{1}{4}$ lb., 10 cts.; $\frac{1}{2}$ lb., 15 cts.; 1 lb., 25 cts.; 5-lb. pkg., at 23 cts. lb.

LIME AND SULPHUR WASH—For spraying fruit trees and all nursery stock. For destroying San Jose scale and other diseases and insects. Qt., 25 cts.; gal., 75 cts.; 5 gal., \$2.00; 10 gal., \$3.25; bbl. of 50 gals., \$10.00.

ARSENATE OF LEAD—In paste form; for destroying insects and diseases on vegetables and shrubs. 1-lb. jar, 20 cts.

POWDERED ARSENATE OF LEAD—This should be mixed thoroughly with a small quantity of water to a cream consistency, then add the required amount of water according to recommendations on package. $\frac{1}{2}$ -lb. pkg., 20 cts.; 1-lb. pkg., 35 cts.; 5-lb. pkg., \$1.50.

CHLORO-NAPHTHOLEUM—A splendid disinfectant to be used around stables, cow barns, hog pens, poultry houses, etc. Is also recommended for spraying stock to keep off flies and other insects and is a preventive and cure for sores, scabs and other skin diseases. Dairymen and stock raisers will find it very profitable to use this disinfectant. 1 qt., 60 cts.; 2 qts., \$1.00; 1 gal., \$1.50.

SULPHUR—To be used on Irish potatoes tubers when planting. 8 cts. per lb.; 10 lbs. or over, at 6 cts. per lb. Barrel price on application.

GUARANTEED CATTLE OIL



We guarantee this preparation or we will return the purchase price. Thousands of cans have been sold under the "Money-back" guarantee, and we thoroughly believe that **Guaranteed Cattle Oil** is more lasting and satisfactory than any other fly oil manufactured. We claim that when properly used it will protect cattle all day in ordinary weather. It does not blister the animal or taint the milk, and is not disagreeable to use. Prices: 1 qt., 25 cts.; 1 gal., 75 cts.

ANTI-CROW CORN OIL—Protects newly-planted corn from crows. Don't kill the crows and blackbirds. Keep them from damaging your crops by preventive measures. Do not confuse **Sterlingworth Anti-Crow Corn Oil** with **Corn Tar** or **Tar Oil**. It is different and better. Prices: 1-pt. cans, 25 cts.; 1-qt. cans, 40 cts.

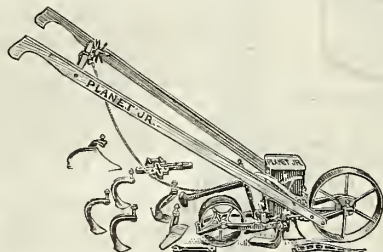


Planet Jr. Garden Tools



Space will not permit our showing and describing all of the "Planet Jr." tools, but we will send a fully illustrated catalogue free for the asking to any who desire it, and we can supply promptly anything ordered. "Planet Jr." goods are standard machines, the best on the market. In sending your order to us you can rely on getting bottom prices.

No. 4 PLANET JR. COMBINED HILL AND DRILL SEEDER, WHEEL HOE, CULTIVATOR AND PLOW.



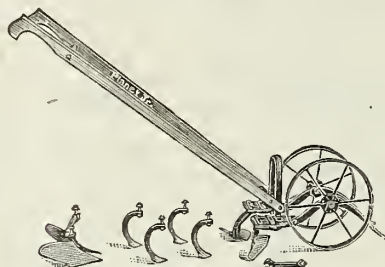
Price Complete, \$10.50. Weight, 50 lbs.

As a Seeder Only, \$8.50. Holds $2\frac{1}{2}$ Quarts of Seed.

Plants in hills 4, 6, 8, 12 or 24 inches apart.

For use as a cultivator, the drill parts are removed and the tool frame substituted by changing but one bolt; it is then a perfect single wheel hoe, with a variety of tools, and a rapid change frame, with side extension for hoeing both sides of a row at one passage.

No. 12 DOUBLE WHEEL HOE, CULTIVATOR AND PLOW.



Price, \$6.50. Weight, 33 lbs.

This tool has one pair plows, one pair hoes, four cultivator teeth and a pair of leaf lifters.

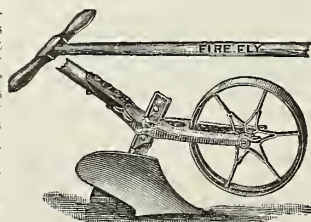
The attachments sold with No. 12 are what gardeners use most, and the others can be added as wanted.

Two acres a day can easily be worked with this implement, and when it is done, it will be a better job than several men could have done in the same time with hand hoes.

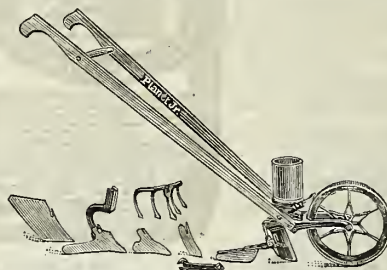
FIRE-FLY GARDEN PLOW.

Price, \$2.25. Packed weight, 14 lbs.

This tool is exceedingly useful to owners of small gardens. It will throw a furrow four to six inches wide and one to three inches deep and deeper by going twice. Furrows for manure or seeds can be opened and covered. In cultivating, plow away, weed the row and plow back again. This tool will enable a busy man to do in his spare minutes nearly all the work of a family garden. Chicken raisers find it of great advantage in plowing up their scratching yards.



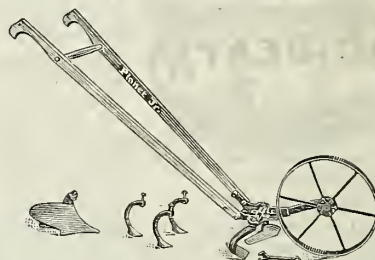
No. 31 PLANET JR. COMBINED DRILL SEEDER AND WHEEL HOE.



Price, Complete, \$6.50. Weight, 30 lbs.

No. 31 Planet Jr. is a new combined tool of great value to thousands of gardeners who have never felt able to own, either a seed drill or a wheel hoe. It is thoroughly well-made and offered at a price that makes it pay the smallest gardener. It will sow even a small packet of any garden seed any thickness desired with the greatest precision from $\frac{1}{4}$ to 2 inches deep, in a narrow row.

No. 17 PLANET JR. SINGLE WHEEL HOE.

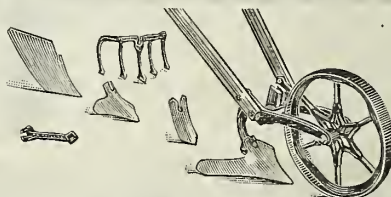


Price, \$4.50. Weight, 24 lbs.

The handles are adjustable in height. The frame is steel, convenient and strong with quick change device by which to exchange the tools without removing the nuts.

You can do more and better hoeing with it in one day than you can do in three days with a hand hoe. The No. 17 has a pair of 6-inch hoes, a plow and a set of cultivator teeth, an outfit sufficient for most garden work.

No. 33 PLANET JR. SINGLE WHEEL HOE.



Price, \$2.75. Weight 24 lbs.

The whole combination will delight the suburbanite or equally the growing boy who knows that a certain amount of garden work is to be part of his service. Women, younger or older, will find in this tool a light running wheel hoe that will save them hard work and help much to supply the table with fine vegetables.

The large garden plow is constantly useful from spring to fall.

Use the cultivator steel to open narrow furrows, also useful for setting out plants. Use the five-tooth prong hoe for both deep and shallow work.

FERTILIZERS

For All Crops

Our customers are no doubt aware that practically all of the Potash used in the manufacture of Fertilizers has heretofore been imported from Germany, and none can now be had from that source on account of the European War. The stock on hand with American Manufacturers at the beginning of the war has been practically exhausted and prices have advanced to \$500.00 per ton or more. Even were it possible to procure Potash enough to make the same brands with analysis we have heretofore offered, the prices would necessarily be so high as to make the use of them prohibitive for agricultural purposes. We are glad to state, however, that we were fortunate enough to procure a small lot of Potash and while we understand that the Fertilizer Manufacturers will not supply this year a Fertilizer with a higher percentage of Potash than 1 per cent., we can offer while it lasts a limited quantity of D. & B.'s Vegetable Fertilizer having 2 per cent. of Potash. Other Fertilizer materials have also advanced very materially, so that all Fertilizers are necessarily higher this year than in former years.

We have given careful thought to the need of our customers and in making up our list of Fertilizers we offer the following brands and analysis for the various crops. We quote for the present at the prices stated, but these prices are subject to change without notice at any time, but we hope to adhere to them throughout the spring season, as long as the brands can be supplied. Under the circumstances these prices are very reasonable, and are lower than our farmer friends expected.

DIGGS & BEADLES' VEGETABLE.

In this brand we offer a complete High Grade Fertilizer and it is the best grade obtainable this year for Potatoes and all crops requiring much Potash.

ANALYSIS.

Phosphoric Acid.....8 per cent.
Ammonia.....5 per cent.
Potash.....2 per cent.
Price per 100-lb. sack, \$2.75; 200 lb. sack, \$5.25;
per ton, \$50.00.

VIRGINIA-CAROLINA TRUCK.

A quick Fertilizer for all early Vegetables such as Cabbage, Lettuce, Kale, etc.

ANALYSIS.

Phosphoric Acid.....6 per cent.
Ammonia.....7 per cent.
Potash.....1 per cent.
Price per 200-lb. sack, \$4.65; per ton, \$45.00.

GOLD MEDAL BRAND, REVISED 1916

A good Fertilizer at a reasonable price, recommended for early Corns, Tobacco, all Vine Crops and Vegetables.

ANALYSIS.

Phosphoric Acid.....8 per cent.
Ammonia.....3 per cent.
Potash.....1 per cent.
Price per 200-lb. sack, \$3.40; per ton, \$33.00.

AMMONIATED SUPERPHOSPHATE.

A high grade Fertilizer for all crops to be used on soils that do not require Potash.

ANALYSIS.

Phosphoric Acid.....10 per cent.
Ammonia.....4 per cent.
Price per 200-lb. sack, \$3.40; per ton, \$33.00.

NITRATE OF SODA.

Price per lb., 10 cts.; 25 lbs. at 6 cts. per lb.;
100 lbs., \$4.00; 200 lbs., \$7.75; per ton, \$75.00.

BEEF, BLOOD AND BONE.

We are pleased to announce that we can supply this popular and well known brand of Fertilizer again this year. It is especially recommended for Corn, Field Peas, Beans, Millets, Oats, Fodder, Plants and Sweet Potatoes.

ANALYSIS.

Phosphoric Acid.....8½ per cent.
Ammonia.....2 per cent.
Potash.....1 per cent.
Price per 200-lb. sack, \$3.10; per ton, \$30.00.

LITTLE GIANT AMMONIATED SUPERPHOSPHATE.

A splendid Fertilizer recommended for all kinds of Grain and Grass Crops, Corn, Peas, Beans and Peanuts.

ANALYSIS.

Phosphoric Acid.....9 per cent.
Ammonia.....2 per cent.
Potash.....1 per cent.
Price per 200-lb. sack, \$3.10; per ton, \$30.00.

SLAUGHTER HOUSE AMMONIATED SUPERPHOSPHATE.

This Fertilizer is recommended for Grass, Millets and all Forage Crops.

ANALYSIS.

Phosphoric Acid.....10 per cent.
Ammonia.....2 per cent.
Price per 200 lb. bag, \$2.60; per ton, \$25.00.

16 PER CENT. ACID PHOSPHATE.

This is very beneficial for nearly all soils, many of our customers make excellent Grain and Grass Crops with Acid Phosphate. We do not offer or recommend a lower grade than 16 per cent., as it would be more expensive proportionably to use.

Price per 200-lb. sack, \$2.10; per ton, \$20.00.

AGRICULTURAL SHELL LIME.

Price 200-lb. sack, \$1.00; per ton, \$7.50.

Swift's Fertilizers

We are the authorized agents for Swifts Fertilizers, which we have sold for years and our customers who have used these goods praise them highly, having gotten excellent results from their use.

SWIFT'S GARDEN AND TRUCK.

A good Fertilizer for general crops, particularly recommended for all Vine Crops, especially Melons and Cantaloupes.

ANALYSIS.

Phosphoric Acid.....	8 per cent.
Ammonia.....	4 per cent.
Potash.....	1 per cent.
Price per 200 lb. sack, \$4.00; per ton, \$38.00.	

SWIFT'S PURE BONE MEAL.

A first-class pure ground Bone, it is an excellent plant food and a permanent soil improver, is especially recommended for Grass, Clover and Grain Crops.

ANALYSIS.

Phosphoric Acid.....	22 per cent.
Ammonia.....	4½ per cent.
Price per 200-lb. sack, \$4.20; per ton, \$40.00.	

SWIFTS' EARLY TRUCKER.

A splendid Fertilizer recommended for all early Garden Truck.

ANALYSIS.

Phosphoric Acid.....	7 per cent.
Ammonia.....	5 per cent.
Potash.....	1 per cent.
Price per 200-lb. sack, \$4.20; per ton, \$40.00.	

PULVERIZED SHEEP MANURE.

This is the pure natural manure, an excellent Fertilizer for Vegetables and all Garden Crops, is also splendid for Lawns, Flowers, Shrubs, etc. It is rich in Potash and on account of the scarcity of Potash this year we recommend this for all Garden purposes.

Price per 5-lb. package.....	\$ 25
Price per 10-lb. package.....	40
Price per 25-lb. bag.....	75
Price per 50-lb. bag.....	1 25
Price per 100-lb. bag.....	2 00
Price per 500 lbs.....	9 00
Price per 1000 lbs.....	16 00
Price per ton.....	30 00

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(Incorporated 1902)

It frequently occurs that the prices of articles may have changed between the time our catalogue is printed and receipt of orders, when such is the case on paid orders, if the article ordered is cheap, we will send the value of same at the ruling prices. If the articles ordered are higher, we will deduct the quantity to meet the amount of remittances. It also frequently occurs that our stock of some articles are exhausted when orders are received. Should such be the case with any article ordered by you, can we substitute the nearest similar article? We answer here, yes or no (-----).

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Preparation and Care of Lawns.

The proper preparation of the ground in starting a new lawn is essential. This is too often neglected. The ground should be deeply ploughed, or spaded deep enough to leave a bed of loose earth 4 to 6 inches deep. This should be thoroughly pulverized and raked, removing all sticks, roots and stones. After getting the ground perfectly smooth, put on an application of Raw Bone Meal, at the rate of 5 pounds to the 300 square feet or 1,000 pounds to the acre. DO NOT USE STABLE MANURE; it is unsightly, and is also a hotbed of weed seeds and worms (the very thing to be guarded against in laying a foundation for a lawn.) Sow the seeds at the rate of 1 pound to the 300 square feet, or about 18 feet each way, 4 bushels to the acre. The land should then be gone over with a heavy roller, or the seed raked in thoroughly with a small hand-rake. The best months for seeding a lawn are February, March, April or October. Let the grass get a start of 4 inches before cutting, as too early cutting retards growth; after this cut every ten days, and watering thoroughly once a week in the evening is sufficient, watering every day has a tendency to keep the roots of the grass near the surface, and they are likely to be burnt out by the hot midday sun.

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